OLYMPUS®
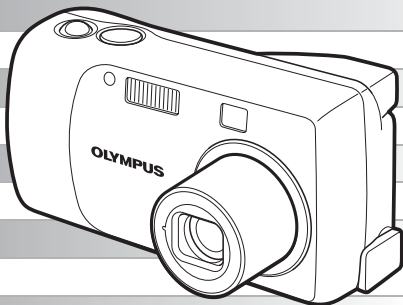
DIGITAL CAMERA

D-555 ZOOM

Advanced Manual

Detailed explanations of all the functions for getting the most out of your camera.

Basic Operation

Shooting

Playing Back

Printing

Online Pictures

Camera Settings

Troubleshooting

- Thank you for purchasing an Olympus digital camera. Before you start to use your new camera, please read these instructions carefully to enjoy optimum performance and a longer service life. Keep this manual in a safe place for future reference.
- We recommend that you take test shots to get accustomed to your camera before taking important photographs.
- In the interest of continually improving products, Olympus reserves the right to update or modify information contained in this manual.

How to use this manual

● Basic and Advanced Manuals

The instruction manual accompanying this camera is divided into two parts: the Basic Manual and the Advanced Manual (this document).

Basic Manual   This manual helps you get used to the camera. It gives you easy-to-follow explanations on how to take pictures and view them.

Advanced Manual   This manual introduces you to the camera's many functions after you have mastered the basics. It will help you to use the camera's capabilities to take much more creative pictures, with more fun!

● Indications used in this manual

Below is an explanation of how to read the instructions in this manual. Please read it carefully before proceeding.

> **Note**
> Important information on factors which may lead to a malfunction or operational problems. Also warns of operations that should be absolutely avoided.
>
> **TIPS**
> Useful information and hints that will help you get the most out of your camera.
>
> ☞
> Reference pages describing details or associated information.

For details on notation and how to read the procedure pages, see "How to read the procedure pages". (P. 17)

Composition of the manual

The title page of each chapter gives a short description of the contents.
Be sure to check it out.

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Table of Contents

Basic operation

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Don't you feel that although your camera has many attractive functions, you are unable to use them confidently?
Now all you have to do is simply press the buttons on your digital camera. By setting the menus, you can easily do things like change where the light is metered or adjust the coloration of your picture.
Just display a menu on the monitor and use the buttons to choose a setting. Familiarize yourself with the buttons and menus before reading the explanations of the various functions.
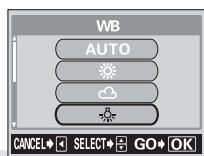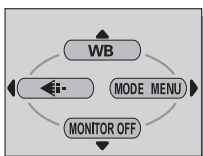
Movies
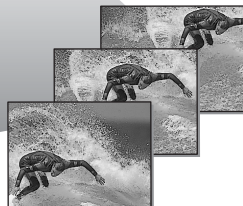
Sequential shooting

Shooting mode and playback mode

This camera features a shooting mode and a playback mode. Shooting mode is for taking pictures and making shooting settings, whereas playback mode is for displaying pictures you have taken.

● Turning the camera on in shooting mode

Slide the POWER switch to 🔘, pressing and holding the lock button.

• The camera turns on in shooting mode. You are ready to take pictures.

POWER switch

QUICK VIEW button

OFF ▶ 🔘

Lock button
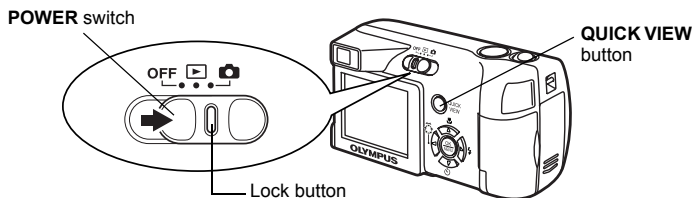
To turn the camera off
→ Slide the **POWER** switch to OFF. The lens retracts, and the monitor turns off.

To enable playback mode
→ Press the **QUICK VIEW** button. The lens remains extended, and playback mode is enabled. Press the **QUICK VIEW** button or press the shutter button halfway to return to shooting mode.

⚠ Note

• To save battery power, the camera automatically enters the sleep mode and stops operating if not used for 3 minutes. If the monitor is on, it will automatically turn off. The camera activates again as soon as you lightly press the shutter button or zoom lever. Whenever possible, turn the camera off when you do not intend to take any pictures for a while.
• If set to sleep mode, the power will automatically turn off after approximatery 4 hours.

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Basic operation

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● **Turning the camera on in playback mode**

Slide the POWER switch to ▶.

• The camera turns on in playback mode. The last picture taken is displayed on the monitor.

POWER switch

OFF ▶ ◻
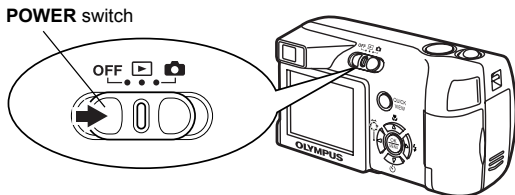
To turn the camera off
→ Slide the **POWER** switch to OFF. The monitor turns off.

To enable shooting mode
→ Slide the **POWER** switch to ◻, pressing and holding the lock button. The lens extends, and shooting mode is enabled. Slide the **POWER** switch to ▶ to return to playback mode. The lens remains extended.

⚠ **Note**

• When the power is turned on, sometimes the monitor flashes before displaying the picture. This is not a malfunction.
• To save battery power, the camera turns off automatically if not used for 3 minutes.

┌─ **Shooting mode/Playback mode notation** ──────────────────────┐

In this manual, the following icons indicate the **POWER** switch necessary for operating functions.

OFF ▶ ◻ This indicates an operation when the **POWER** switch is set to ◻.

OFF ▶ ◻ This indicates an operation when the **POWER** switch is set to any of the ◻▶ modes.

└──┘

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Basic operation

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How to use the arrow pad

When in shooting mode, the arrow pad can be used to switch between shooting modes in the virtual dial, as well as enable functions like macro mode, flash mode and self-timer.

● Shooting mode
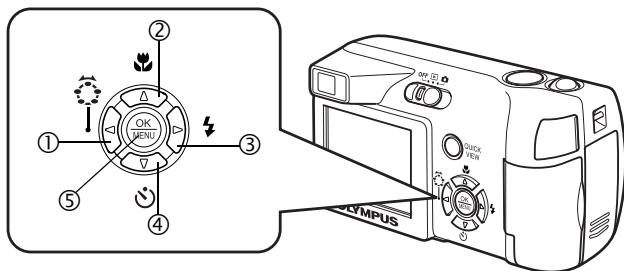
①	○ (Shooting mode) button	☞ P. 28
	Enables shooting mode.	

②	♥ (Macro) button	☞ P. 32
	Enables macro mode.	

③	✦ (Flash mode) button	☞ P. 34
	For selecting the flash mode.	

④	✿ (Self-timer) button	☞ P. 42
	Take pictures using the self-timer.	

⑤	⊛ (OK/MENU) buttons	☞ P. 11
	The top menu is displayed.	

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Basic operation

How to use the menus

About the menus

When you turn on the camera and press 🔘, the top menu is displayed on the monitor. The functions of this camera are set from the menus.
This chapter explains how the menus work, using the shooting mode screens.

OK/MENU button

Arrow pad

Press 🔘.
The top menu is displayed.

WB

◀ ◀⠇ (MODE MENU) ▶

MONITOR OFF

Select a menu using the arrow pad.

Shortcut menus

- Take you directly to the setting screens.
- Display operational buttons at the bottom of the screen.

◀⠇
SHQ 2592×1944 ▶
HQ 2592×1944 ▶
SQ1 1600×1200 ▶
SQ2 640×480
SELECT▶⊕ SET▶▷ GO▶OK

Mode menu

- Categorizes the settings into tabs.
- Displays the tabs of each menu. Select the desired tab on the left of the screen by pressing ◀▷.

Tab

🔲 ▶ 0.0
DIGITAL ZOOM ▶ OFF
📷 ▶ OFF
DRIVE ▶ ▢
PANORAMA

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Basic operation

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Shortcut menus

● **Shooting mode** OFF ▶ ○

①	**WB**	☞ P. 38

Sets the appropriate white balance according to the light cource.

②	◀⠆	☞ P. 26

Sets the image quality and resolution.

③	MONITER OFF (MONITOR ON)	☞ P. 20

Sets whether or not the monitor also goes on when the camera turns on.
If the monitor is set to off, the top menu displays MONITOR ON when the camera turns on.

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● **Playback mode** OFF ▶ 📷
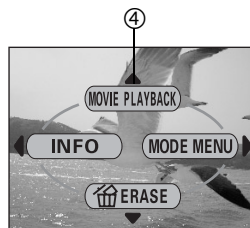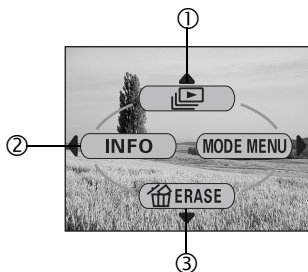
①	🖻	☞P. 48

Runs through all saved pictures one after another. It is displayed when the camera is playing back still pictures.

②	**INFO**	☞P. 53

Displays all the shooting information on the monitor.

③	🗑 ERASE	☞P. 55

Erase the selected still picture or movie.

④	MOVIE PLAYBACK	☞P. 49

Plays back movies.

Mode menu

● **Shooting mode** OFF ▶ ▢

CAMERA tab ── [≣] ▷ 0.0
             DIGITAL ZOOM ▷ OFF
CARD tab ── [✿] ▷ OFF
SETUP tab ── DRIVE ▷ ▢
             PANORAMA
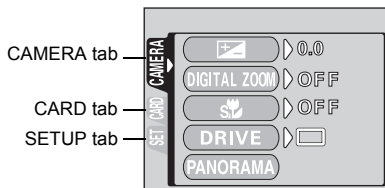
CAMERA tab	For setting shooting related functions.
CARD tab	For formatting the card.
SETUP tab	For making basic camera setting and setting that make the camera easier to use.

● **Playback mode** OFF ▶ ▢

PLAY tab ── [⊶] ▷ OFF
             [↻] ▷ 0°
EDIT tab ── [⊥]
CARD tab ──
SETUP tab ──
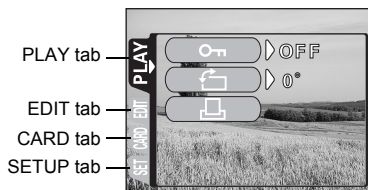
PLAY tab	Make print reservations or protect images.
EDIT tab	For editing saved pictures.
CARD tab	For formatting the card and erasing all frames.
SETUP tab	For making basic camera setting and setting that make the camera easier to use.

❓ *TIPS*

- Common menu items can be adjusted from any mode, and the settings will apply respectively.
- For details of menu items in shooting mode and playback mode, see "Menu list" (P. 112).

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Basic operation

Using the menus

Use the arrow pad and 🔘 to select and set menu items.
Follow the operation guide and arrows on the screen to select and make settings.
This section explains how to use the menus.

Ex: Making the [DIGITAL ZOOM] setting

▲▼◄► buttons
🔘 button

1

Basic operation
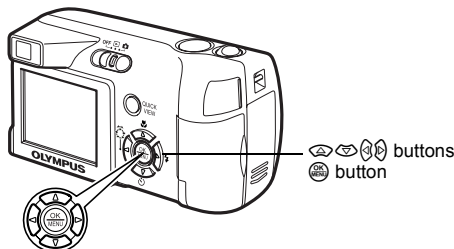
1 **Press 🔘 in shooting mode.**

• The top menu is displayed.

2 **Press ► to select [MODE MENU].**

Top menu

WB

◄ 🔳 ► (MODE MENU) ►

(MONITOR OFF)

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Basic operation
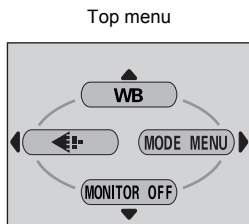
3 Press ▲▼ to select the [CAMERA] tab, and press ▷.

- Refer to the arrows on the screen to select a setting with the arrow pad.

This refers to the arrow pad (▲▼◁▷).
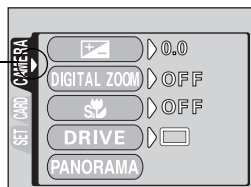
4 Press ▲▼ to select [DIGITAL ZOOM], and press ▷.

- Refer to the arrows on the screen to select a setting with the arrow pad.
- Unavailable settings cannot be selected.

The color of selected items changes.
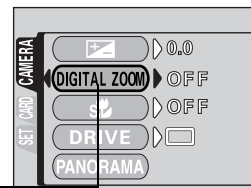
5 Press ▲▼ , select [ON] or [OFF] and press ⊛.

- Press ⊛ repeatedly to exit the menu.
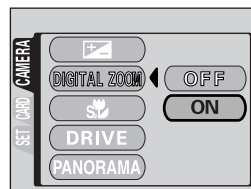
┌─ **Menu notation** ──────────────────────────────────

In this manual, procedures for using the menus are expressed as follows.
- Ex: Steps 1 to 4 of making the [DIGITAL ZOOM] setting

OFF ▶ ☐

Top menu ▶ [MODE MENU] ▶ [CAMERA] ▶ [DIGITAL ZOOM]

└───

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How to read the procedure pages

A sample of a procedure page is shown below explaining the notation. Look at it carefully before taking or viewing pictures.

● This indicates the position of the **POWER** switch.
If multiple **POWER** switch icons are displayed, the described function can be used in any of these **POWER** switches.
☞ "Shooting mode and playback mode" (P. 8), "Shooting mode/ Playback mode notation" (P. 9)

Setting the date and time

This function lets you set the date and time. The date and time is saved with each picture, and is used in the file name.

OFF ▶ ◘

Top menu ▶ [MODE MENU] ▶ [SETUP] ▶ [⊙]
☞ "How to use the menus" (P. 11)

1 Press ⊙⊙ to select one of the following date formats: **[Y-M-D]** (Year/Month/Day), **[M-D-Y]** (Month/Day/Year), **[D-M-Y]** (Day/ Month/Year), and press ⊙.

• Move to the year setting.
• The following steps show the procedure used when the date and time settings are set to [Y-M-D].

2 Press ⊙⊙ to set the year, and press ⊙ to move to the month setting.

• To move back to the previous setting, press ⊙.
• The first two digits of the year are fixed.

3 Repeat this procedure until the date and time are completely set.

... r format. Consequently, 2 p.m. is displayed as

● Select the menus in the order indicated by ▶.
☞ "Using the menus" (P. 15), "Menu notation" (P. 16)

This sample page is only for your reference. It may differ from the actual page in this manual.

Tips before you start taking pictures

◄◄◄◄◄◄◄◄◄◄◄◄◄◄◄◄◄◄◄◄◄◄◄◄◄◄◄◄◄◄◄

You can take great pictures in just about any situation just by setting the shooting mode to PROGRAM AUTO mode and pressing the shutter button.
But occasionally, you can't focus on your subject, or the subject is too dark, or the picture doesn't come out the way you want…
Just knowing which button to press or which setting to change can help you solve these problems.
And did you know that by selecting an image size according to how you plan to use the pictures afterwards, you can store more pictures on the memory card? These are just some of the hints provided in this chapter.

Online applications

? Ideas

SQ2

SHQ

OLYMPUS
xD
xD-Picture Card

Printing applications
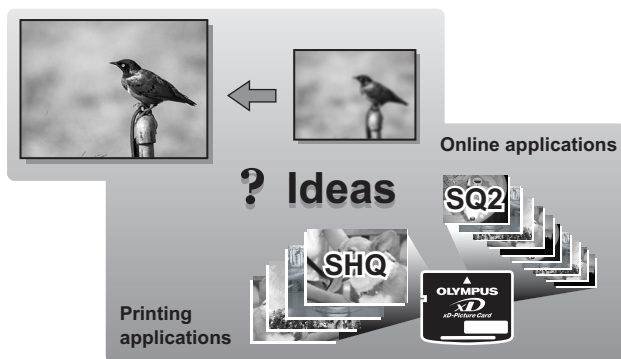
Holding the camera

Sometimes when you look at a picture you have taken, the contours of the subject are blurred. This is often caused by movement of the camera at the precise moment that the shutter button is pressed.

Picture where subject is not clearly defined

To prevent the camera from moving, hold the camera firmly with both hands while keeping your elbows at your sides. When taking pictures with the camera in the vertical position, hold the camera so that the flash is positioned higher than the lens. Keep your fingers and the strap away from the lens and flash.

Horizontal grip

Vertical grip

Top view

Do not hold this part of the lens.
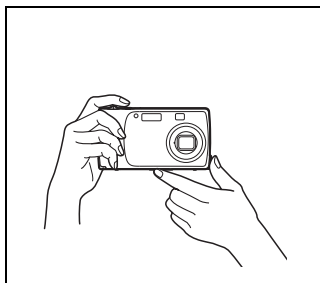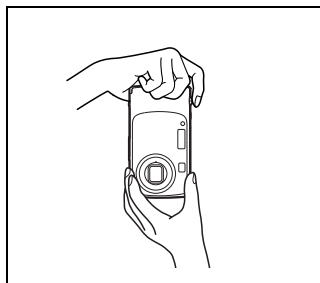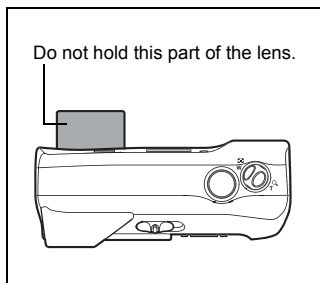
Incorrect grip:
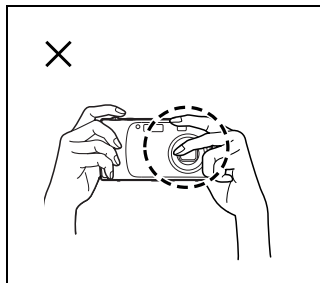
Turning the monitor on/off

You can take pictures with or without using the monitor.

MONITOR ON   For taking pictures using the monitor
MONITOR OFF   For taking pictures using the viewfinder

OFF ▸ ▣ ▸ ◻

Top menu ▸ [MONITOR OFF] / [MONITOR ON]

☞ "How to use the menus" (P. 11)

● Features of the monitor and viewfinder

	Monitor	Viewfinder
Advantages	You can check the picture area that the camera actually records.	Camera movement does not occur easily and subjects can be seen clearly even in bright places. Little battery power is used.
Disadvantages	Camera movement occurs easily and subjects may be difficult to see in bright/dark places. The monitor uses more battery power than the viewfinder.	When close to a subject, the image in the viewfinder differs slightly from the picture that the camera actually records.
Tips	Use the monitor when you need to know the exact area the camera records, or to take a close-up of a person or flower (macro shooting).	Use the viewfinder for general snapshots, landscape pictures and other casual shots.

Viewfinder
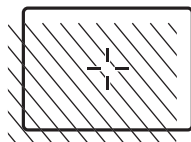
- The camera records a wider area than the image in the viewfinder.
- As you get closer to the subject, the actual image recorded (the shaded area in the illustration on the left) differs slightly from the image in the viewfinder.

？ *TIPS*

When the monitor turns off automatically

→ If the camera is not used for over 3 minutes, the monitor turns off automatically. When in shooting mode, press the shutter button or zoom lever to turn the monitor on.
When in playback mode, turn the camera on again.

To adjust the brightness of the monitor

→ Adjust the brightness with the [⛶] settings. ☞ "Adjusting the brightness of the monitor" (P. 63)

When the monitor is hard to see

→ Bright light, such as direct sunlight, may cause vertical lines (smears) to appear on the image in the monitor. This does not affect recorded pictures.

If correct focus cannot be obtained

The camera automatically detects the focus target in the frame. The level of contrast is one of the criteria it uses to detect the subject. The camera may fail to determine subjects with lower contrast than the surroundings or with an area of extremely strong contrast in the frame. If this happens, the simplest solution is to use the focus lock.

How to focus (focus lock)

OFF ▶ 📷

1 Position the AF target mark on the subject you want to focus on.

• When shooting a hard-to-focus or fast-moving subject, focus the camera on an object about the same distance away as the subject.
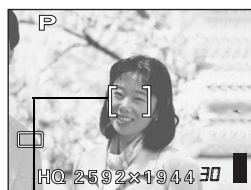
AF target mark

2 Press the shutter button halfway until the green lamp lights.

• When the focus and exposure are locked, the green lamp lights.
• When the green lamp blinks, the focus and exposure are not locked. Release your finger from the shutter button, re-position the AF target mark on the subject and press the shutter button halfway again.
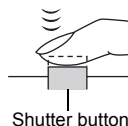
Shutter button

3 Keeping the shutter button pressed halfway, recompose your shot.

Green lamp

2

Tips before you start taking pictures

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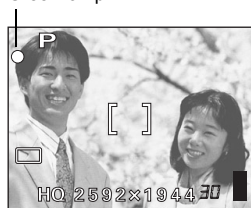
4 Press the shutter button fully.

Shutter button
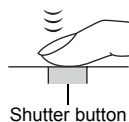
Subjects that are difficult to focus on

Under certain types of conditions, the auto focus may not work properly.

The green lamp blinks. The subject cannot be brought into focus.

Subject with low contrast

Subject with an extremely bright area in the center of the frame
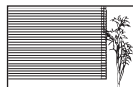
Subject without vertical lines

The green lamp lights, but the subject cannot be brought into focus.

Subjects at different distances
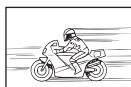
Fast-moving subject

The subject is not in the center of the frame

In these cases, focus (focus lock) on an object with high contrast at the same distance as the intended subject, recompose your shot and then take the picture. If the subject has no vertical lines, hold the camera vertically and focus the camera using the focus lock function by pressing the shutter button halfway, then return the camera to the horizontal position while keeping the button pressed halfway and take the picture.

? *TIPS*

- The green lamp blinks if you are too close to the subject. When shooting in wide angle mode (towards "W"), take the picture at least 20 cm (7.9") away from the subject. If in telephoto mode (towards "T"), take the picture at least 50 cm (19.7") away from the subject. If you use the super macro mode, you can take pictures as close as 2 cm (0.8") from the subject.

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Tips before you start taking pictures

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Record mode

You can select a record mode in which to take pictures or shoot movies. Select the best record mode for your purpose (printing, editing on a computer, website editing, etc.). For information on the image sizes for each record mode and memory capacity, see the table on P. 25.

Still picture record modes

Record mode depicts the image size and compression rate of pictures you wish to record.
Pictures are made from thousands of dots (pixels). If a picture with relatively few pixels is enlarged, it looks like a mosaic. A picture with many pixels is denser and clearer, but requires a larger file size (data size), decreasing the number of pictures that can be saved. Increasing the compression rate reduces the file size, but makes the pictures appear grainy.

Picture with high number of pixels

Picture with low number of pixels
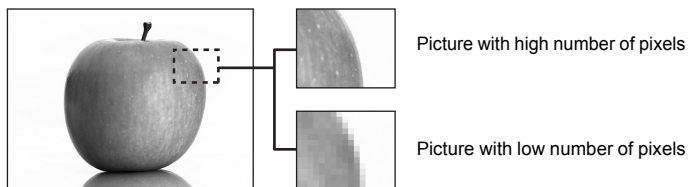
Image becomes clearer

Image size becomes larger

Application	Compression Image size	Low compression	High compression
Select according to print size	2592 × 1944	SHQ	HQ
	2592 × 1728		
	1600 × 1200	–	SQ1
For small-sized prints and websites	640 × 480	–	SQ2

Image size
The number of pixels (horizontal × vertical) used when saving an image. Save your pictures in a large image size to get clearer prints.

Compression
Image data is compressed and recorded. The higher the compression, the less clear the image will be.

● **Special record modes**

Record mode	Features	Image size
3:2 (SHQ, HQ)	This is useful for ordering prints from a photo lab.	2592 × 1728

3:2
The image aspect ratio is normally 4:3. If the aspect ratio is changed to 3:2, the image can be printed at a photo lab without losing the image borders.
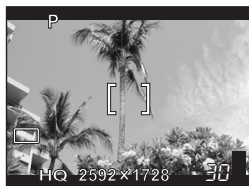
Monitor display when
3:2 is set

Movie record modes

Movies are recorded in Motion-JPEG format.

Tips before you start taking pictures

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Number of storable still pictures/remaining recording time

Still pictures

Record mode	Image size		Number of storable still pictures : number (Using a 16 MB card)
SHQ	2592 × 1944		4
	3:2 2592 × 1728		4
HQ	2592 × 1944		12
	3:2 2592 × 1728		14
SQ1	1600 × 1200		32
SQ2	640 × 480		165

Movies

Record mode	Image size	Remaining recording time : sec. (Using a 16 MB card)
HQ	320 × 240 (30 frames/sec.)	48 sec.
SQ	320 × 240 (15 frames/sec.)	3 min. 31 sec.

Number of storable
still pictures

Remaining recording time

? *TIPS*

• When a picture is transferred to a computer, the size of the picture on the computer screen varies depending on the computer's monitor setting. For instance, a picture taken with an image size of 1,024 × 768 fills the screen if you set the picture to 1× when the monitor setting is 1,024 × 768. However, if the monitor setting is over 1,024 × 768 (such as 1,280 × 1,024), the picture only takes up part of the screen.

⚠ **Note**

• The number of storable still pictures and remaining recording times listed in the table are approximate.

• The number of storable still pictures may change according to the subject or factors like whether print reservations have been made or not. In certain instances, the number of remaining pictures does not change even when you take pictures or stored images are erased.

To change the record mode

OFF ▶ ☐

Top menu ▶ [◀⁞-]   ☞ "How to use the menus" (P. 11)

1 **For still pictures, select [SHQ], [HQ], [SQ1] or [SQ2], and press .**

◀⁞-
SHQ 2592×1944 ▷
HQ 2592×1944 ▶
SQ1 1600×1200
SQ2 640×480
SELECT✦⬍ SET✦▷ GO✦ OK
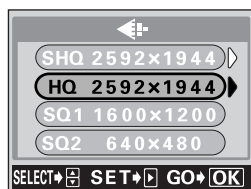
For still pictures

For movies, select [HQ] or [SQ], and press .

◀⁞-
HQ 320×240
SQ 160×120
CANCEL✦◁ SELECT✦⬍ GO✦ OK
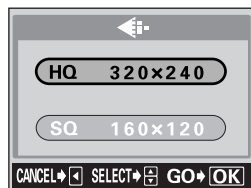
For movies

2 **In SHQ or HQ mode, you can select further from [2592 × 1944] or [2592 × 1728] resolutions. Press to confirm.**

HQ
2592×1944
3:2 2592×1728
CANCEL✦◁ SELECT✦⬍ GO✦ OK

2

Tips before you start taking pictures

26
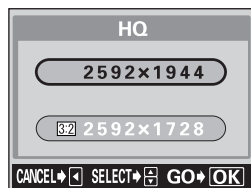
Basic shooting functions

▶▶▶▶▶▶▶▶▶▶▶▶▶▶▶▶▶▶▶▶▶▶▶▶▶▶▶▶▶▶▶▶▶▶▶▶

3

A professional photographer adjusts the exposure to the optimal setting, chooses the best focusing method and even selects the type of film according to the subject.
With a digital camera, you don't need to learn how to make difficult settings. Your camera will adjust the settings for you! All you have to do is choose a scene mode according to whether you are taking a landscape, a night scene, a portrait-style image or whatever, and the camera will set the best exposure and white balance.
There's nothing to it – just press the shutter button!
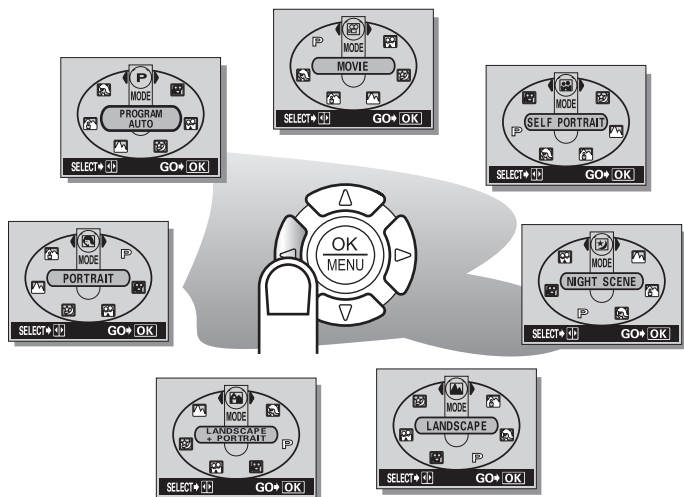
Selecting a shooting mode according to the situation

You can take pictures with the optimum settings by selecting mode menu according to the shooting conditions or purpose.

● Shooting mode

P Program Auto

Suitable for general situations. The camera automatically uses settings that captures the scene in its natural colors. You can set other functions such as exposure compensation as desired.

🟥 Portrait

Suitable for taking a portrait-style shot of a person. This mode is optimum for reproducing silky skin tones.

🟧 Landscape+Portrait

Suitable for taking pictures of both your subject and the landscape. The picture is taken with the background as well as the subject in the foreground in focus. You can take pictures of your subject against a beautiful sky or landscape.

🟦 Landscape

Suitable for taking pictures of landscapes and other outdoor scenes. Both the foreground and the background are in focus. Since blues and greens are vividly reproduced in this mode, it is excellent for shooting natural scenery.

🌙 Night Scene

Suitable for shooting pictures in the evening or at night. The camera sets a slower shutter speed than is used in normal shooting. For example, if you take a picture of a street at night in **P** mode, the lack of brightness will result in a dark picture with only dots of light. In the Night Scene shooting mode, the true appearance of the street is captured. Since the shutter speed is slow, make sure that you stabilize the camera by using a tripod.

📷 Self Portrait

Lets you take pictures of yourself while holding the camera. As the camera is set to focus on a subject that is close, the zoom is locked to wide-angle, and cannot be changed.

🎬 Movie

Records movies. As the focus and zoom are locked while recording, be sure to keep the distance between the camera and subject constant to avoid losing focus. Sound is recorded with the movie.
☞ "Recording movies" (P. 39)

3

Basic shooting functions

28

OFF ▶ 📷

1 Press ◁ (☺).

- The screen for selecting the shooting mode (virtual dial) is displayed.
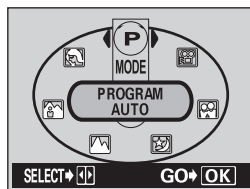
Virtual dial screen

2 Press ◁◊ to select the shooting mode.
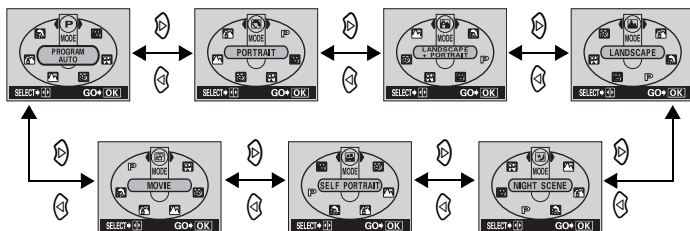
3 Press ⊛.

- The shooting mode is set, and the virtual dial screen disappears.
- Even if the ⊛ button is not pressed, the mode will be set and the screen will disappear.

? *TIPS*

- The settings that can be made vary according to each mode. ☞ "Modes and shooting functions" (P. 117)

⚠ Note

- If [☾(NIGHT SCENE MODE)] is turned on, noise reduction turns on automatically and the image is expanded more than normal.

3

Basic shooting functions

29

Zooming in on a distant subject

You can zoom in on your subject using the optical zoom and digital zoom. With the optical zoom, the image is enlarged on the CCD when the lens magnification is changed, and the image is formed by all the CCD pixels. With the digital zoom, the area at the center of the image captured by the CCD is cropped and enlarged. When you zoom in on a subject, you are essentially taking a small area of the picture and making it bigger. Therefore, the greater the magnification with the digital zoom, the grainier the resulting picture will be.

The following zoom magnifications are available on this camera.

Optical zoom   2.8× (equivalent to 38 mm to 106 mm on a 35 mm camera)

Optical zoom × digital zoom Max. 10×

Note that camera movement is likely to occur at higher magnifications.

OFF ▶ 📷

1 Pull the Zoom lever.

Zoom lever
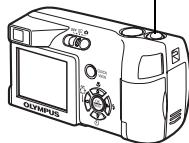
Zoom out:
Push the zoom lever toward W to zoom out.
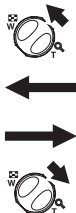
Zoom in:
Pull the zoom lever toward T to zoom in.

Using the digital zoom

To use the digital zoom, set [DIGITAL ZOOM] to [ON].

OFF ▶ 🔲 📷

Top menu ▶ [MODE MENU] ▶ [CAMERA] ▶ [DIGITAL ZOOM]

☞ "How to use the menus" (P. 11)

1 **Select [ON], and press ⓔ.**
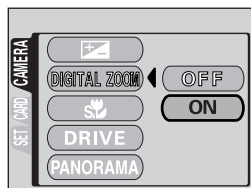
2 **Pull the zoom lever toward T.**

Optical zoom

Digital zoom

The white area of the zoom indicator indicates the optical zoom. If the [DIGITAL ZOOM] is set to [ON], a red area is displayed on the zoom indicator. When you reach the limit of the optical zoom, the digital zoom is enabled.

The cursor moves up and down the zoom indicator according to the zoom magnification.
The cursor turns orange when inside the digital zoom area.

⚠ Note

- The picture may appear grainy when taken inside the digital zoom range.
- Camera movement is likely to occur at higher magnifications. Stabilize the camera with a tripod, etc. to avoid camera movement.
- Turning the monitor off cancels the digital zoom, and the camera takes a picture at the specified optical zoom magnification. It will be automatically enabled the next time you turn the monitor on.

3

Basic shooting functions

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Taking close-up pictures (macro/ super macro)

Macro mode shooting

Focusing is usually slow when you get close to a subject (wide-angle: 20 cm/7.9" to 50 cm/19.7"; telephoto: 50 cm/19.7" to 90 cm/35.4"). However, in macro mode focusing is performed quickly.

This mode lets you shoot from as close as 20 cm/7.9" to your subject (when the optical zoom is at the greatest wide-angle).

Normal   Macro

1

Basic shooting functions

1 Press ◎ (🌷).

- The current setting is displayed.

2 Press ◎ (🌷) to switch the macro mode on or off.

- The setting changes between [🌷 ON] and [🌷 OFF] each time ◎ is pressed. When the macro mode is selected, 🌷 is displayed on the monitor.

3 Take the picture.

⚠ Note

- If you are close to a subject, the picture in the viewfinder is different from the area that the camera actually records. For macro mode shooting, use the monitor.
- If you use the flash in macro shooting, shadows may be noticeable and the correct exposure may not achieved.

Super macro mode shooting

This mode lets you shoot from as close as 2 cm/0.8" to your subject.
In the $_S$ mode, normal shooting is also possible, but the position of the zoom is fixed automatically and cannot be changed.

Macro   Super Macro

OFF ▶ ☐

Top menu ▶ [MODE MENU] ▶ [CAMERA] ▶ [$_S$]

☞ "How to use the menus" (P. 11)

1 Select on, and press .

• Press again to exit the menu.

2 Take the picture.

$_S$

OFF

ON

CANCEL ▶ ◀   SELECT ▶   GO ▶ OK
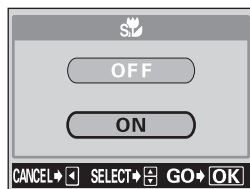
⚠ Note

• During super macro shooting, the zoom function or flash is not available.
• When taking pictures close to the subject, shadows may become conspicuous, making it difficult to maintain correct focus.

3

Basic shooting functions

Flash shooting ⚡

Select the flash mode best suited to the light conditions and the effect you want to achieve.

Flash working range
W (max.): Approx. 0.2 m to 3.4 m (0.7 ft. to 12.1 ft.)
T (max.): Approx. 0.2 m to 2.0 m (2.0 ft. to 6.9 ft.)

Auto-flash (No indication)

The flash fires automatically in low light or backlight conditions.

Red-eye reduction flash (⊙)

The light from the flash may make the subject's eyes appear red in the picture. The red-eye reduction flash mode reduces this phenomenon by emitting pre-flashes before firing the regular flash.

The subject's eyes appear red.

⚠ Note

- After the pre-flashes, it takes about 1 second before the shutter is released. Hold the camera firmly, and prevent it from moving.
- Effectiveness may be limited if the subject is not looking directly at the pre-flashes, or if the shooting subject is too far. Individual physical characteristics may also limit effectiveness.

Fill-in flash (⚡)

The flash fires regardless of the available light. This mode is useful for eliminating shadows on the subject's face (such as shadows from tree leaves), in a backlight situation, or for correcting the color shift produced by artificial lighting (especially fluorescent light).

⚠ Note

- The fill-in flash may not have the desired effect under excessively bright light.

Flash off (⚡)

The flash does not fire even in low light conditions. Use this mode in situations where flash photography is not desired or is prohibited. You can also use this mode when shooting landscapes, sunsets, and other subjects outside the range of the flash.

⚠ Note

- Since a slow shutter speed is automatically selected in low light situations when in the flash off mode, the use of a tripod is recommended to prevent your pictures from being blurred by camera movement.

34

3

Basic shooting functions

OFF ▶ ☐

1 Press ⊚ (✦).

• The current flash setting is displayed.
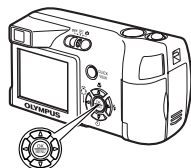
2 Press ⊚ (✦) to change the flash mode to your desired setting.

• Each time you press ⊚, the flash mode changes in the following sequence: "Auto-flash" - "⊚ Red-eye reduction flash" - "✦ Fill-in flash" - "⊛ Flash off".

3 Press the shutter button halfway.

• In conditions where the flash will fire, ✦ lights (flash stand-by).

4 Press the shutter button fully to take the picture.

✦ mark

3

Basic shooting functions
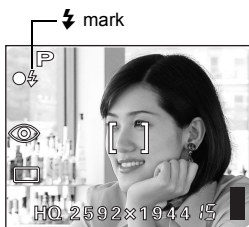
❓ *TIPS*

The ✦ (flash charge) mark blinks.
→ The flash is charging. Wait until the ✦ mark lights continuously.

⚠ **Note**

• The flash does not fire in the following situations:
  Sequential shooting, super macro, or panorama.
• The flash may not give you the optimum result in macro mode with the zoom set to wide-angle (W). Check the resulting picture on the monitor.

35

Additional shooting functions

◀◀◀◀◀◀◀◀◀◀◀◀◀◀◀◀◀◀◀◀◀◀◀◀◀◀◀◀◀◀◀◀◀

At a sporting event…
Use movie mode to capture the atmosphere and action. Or use sequential shooting mode to take a succession of shots of a goal and pick out the best ones later.

In the country or at a tourist spot…
Use panorama mode to capture a beautiful mountain range or impressive building.

At a party or family gathering…
Use the self-timer function to take group photos at school reunions or birthday parties.
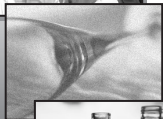
Adjusting picture brightness (exposure compensation) 🔁

This function allows you to make fine changes to the exposure setting. You can adjust the exposure in the range of ±2.0 EV in 0.5 EV steps. When the setting is changed, you can check the result on the monitor.

```
OFF  ▶  📷
```

Top menu ▶ [MODE MENU] ▶ [CAMERA] ▶ [🔁]

☞ "How to use the menus" (P. 11)

1 Press ⊘⊘ to select the exposure compensation value.

- Select a [+] value to brighten the image or a [–] value to darken the image.

          –2.0   0.0   +2.0
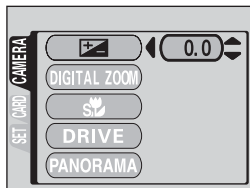
2 Take the picture.

❓ *TIPS*

- Often bright subjects (such as snow) will turn out darker than their natural colors. Adjust toward + to make these subjects closer to their real shades. For the same reason, adjust toward – when taking dark subjects.
- In some situations, you may get better results when the exposure that the camera sets is compensated (adjusted) manually.

⚠ Note

- If the flash is used, the image brightness (exposure) may differ from the intended brightness.
- Exposure compensation cannot correct the image if the surroundings of the subject are extremely bright or dark.

4 **Additional shooting functions**

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Adjusting picture coloration `WB`

The color of the subject differs depending on lighting conditions. For instance, when daylight, the setting sun, or tungsten lighting are reflected on white paper, the shade of white produced will be slightly different for each. By setting the white balance, you can achieve more natural-looking colors.

AUTO The white balance is adjusted automatically so that colors look natural irrespective of the light source.
☀ For natural colors under a clear sky.
☁ For natural colors under a cloudy sky.
💡 For natural colors under tungsten lighting.
💡 For natural colors under fluorescent lighting.

OFF ▶ ☐

Top menu ▶ [WB]   ☞ "How to use the menus" (P. 11)

1 **Select a white balance to match the shooting conditions and then press .**

WB
AUTO
☀
☁
💡

CANCEL◆ ◀ SELECT◆ ⬍ GO◆ **OK**
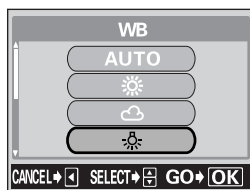
❓ *TIPS*

• You can select a white balance setting other than the actual light source, and enjoy the different color tones on the monitor.

⚠ **Note**

• White balance may not be effective under some special light sources.
• After setting a white balance other than AUTO, play back the picture and check the colors on the monitor.
• When the flash is fired with a white balance setting other than AUTO, colors may appear different in the resulting picture from the colors you see on the monitor.

4

Additional shooting functions

Recording movies

📹

This function is for recording movies. These movies can be played back on the camera.

OFF ▶ 📷

1 Press ◁ (○).
• Display the virtual dial screen.

Shutter button

OK button
Arrow pad
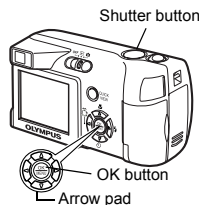
2 Press ◁◁▷ to select 📹, then press ⓞ.
• The camera returns to the shooting mode.
• On the monitor, the 📹 mark and the remaining recording time of the current memory card are displayed.

P MODE
MOVIE
SELECT ◄► GO ► OK

Virtual dial screen
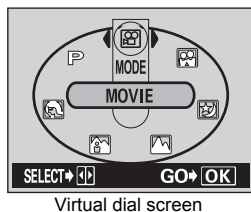
3 Decide the composition.

📹 mark

HQ   00:36
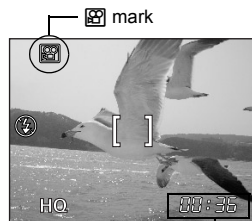
Remaining recording time

4 Press the shutter button fully to start recording.
• When recording a movie, the camera automatically adjusts the focus and exposure according to the moving subject.
• During movie recording, 📹 lights red.

4

Additional shooting functions

39

5 Press the shutter button again to stop recording.

- When the remaining recording time has been used up, recording stops automatically.
- When there is space in the card, the remaining recording time (P. 25) is displayed, and the camera is ready to shoot.

🔋 Note

- The flash and super macro mode cannot be used.
- Remaining recording time may become exhausted quickly during recording. Try formatting the card with your camera before continuing recording. ☞"Formatting" (P. 57)

Sequential shooting

Takes still pictures in succession. The focus, exposure, and white balance are locked at the first frame.
Approx. 4 frames at 1.1 frames/sec. (in HQ mode)

OFF ▶ ☐

Top menu ▶ [MODE MENU] ▶ [CAMERA] ▶ [DRIVE] ▶ [☐]

☞"How to use the menus" (P. 11)

1 **Select [☐], and press ⊛.**

2 **Take the picture.**

• Press the shutter button fully and keep it pressed. The camera will take pictures in sequence until you release the button.
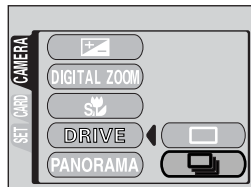
Note

• The flash does not fire during sequential shooting.
• Sequential shooting is not available when the record mode is set to SHQ.
• If the battery power is low and the battery check blinks during sequential shooting, shooting stops and the camera starts saving the picture you have taken. Whether or not all of the shots are saved depends on how much battery power remains.

4 **Additional shooting functions**

Self-timer shooting

This function lets you take pictures using the self-timer. Fix the camera securely on a tripod for self-timer shooting. This function is useful for taking pictures when you want to be included in the photograph.

OFF ► ⬛

1 Press ⊚ (⟳).

• The current self-timer setting is displayed.

2 Press ⊚ (⟳) to switch the self-timer mode on or off.

• The setting changes between [⟳ ON] and [⟳ OFF] each time ⊚ is pressed. When the self-timer mode is selected, ⟳ is displayed on the monitor.
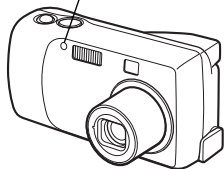
3 Press the shutter button fully to take the picture.

• Pressing the shutter button halfway locks the focus and exposure.
• The self-timer lamp lights for approximately 10 seconds, then starts blinking. After blinking for approximately 2 seconds, the picture is taken.
• To stop shooting while in ⨅ mode, press the shutter button fully again.
• To cancel the self-timer, press ⊚.
• The self-timer mode is automatically canceled after one shot.

Self-timer lamp

⚠ Note

• If sequential shooting is attempted in self-timer mode, the camera shoots 5 frames at most regardless of the setting.

4

Additional shooting functions

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Panorama shooting

You can take advantage of panorama shooting with an Olympus xD-Picture Card. Panorama shooting lets you connect pictures with overlapping edges into a single panoramic picture, using the OLYMPUS Master software.
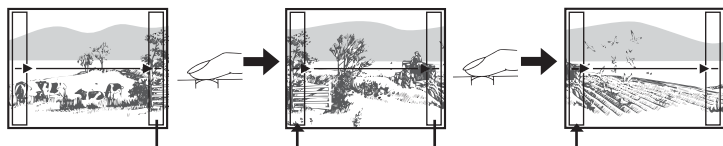
The part of the previous picture where it will be joined to the next picture does not remain in the frame on the edge of the screen. You have to remember what the part in the frame looked like and take the next picture so it overlaps. Compose your shots so that the right edge of the previous picture overlaps with the left edge of the next picture if you are connecting pictures from left to right (or vice versa if you are connecting pictures from right to left).

OFF ▶ ○

Top menu ▶ [MODE MENU] ▶ [CAMERA] ▶ [PANORAMA]

☞ "How to use the menus" (P. 11)

1 **Use the arrow pad to choose at which edge you want to connect the pictures.**

- ▷ : The next picture is connected at the right edge.

- ◁ : The next picture is connected at the left edge.

- ⬙ : The next picture is connected at the top.

- ⬘ : The next picture is connected at the bottom.
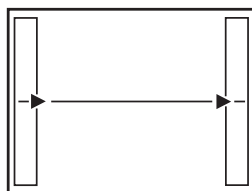
Connects pictures from left to right
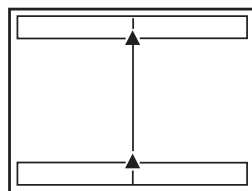
Connects pictures from bottom to top

4

Additional shooting functions

43

2 Make sure that the edges of the pictures overlap, then take the pictures.

- The focus, exposure, and white balance are set by the first picture. Do not select an extremely bright subject (such as the sun) for the first picture.
- You cannot adjust the zoom after the first picture.
- Panorama shooting is possible for up to 10 pictures.
- When you have taken 10 pictures, a warning mark [🖐] is displayed.

3 Press 🔘 to exit panorama shooting.

⚠ Note

- Panorama mode is only available with Olympus cards.
- During panorama shooting, the flash and sequential shooting modes are not available.
- The camera itself cannot connect panorama pictures. The OLYMPUS Master software is necessary to connect the pictures.

4

Additional shooting functions

44

Playback

▸▸▸▸▸▸▸▸▸▸▸▸▸▸▸▸▸▸▸▸▸▸▸▸▸▸▸▸▸▸▸▸▸▸▸▸▸▸▸

5

With film-type cameras, you cannot see the pictures you have taken until the film has been developed. And aren't you sometimes disappointed with the results when you do eventually see them? Pictures of blurred scenery or someone with their eyes shut. Or maybe you took several pictures of the same scene because you weren't sure whether they would come out or not. That's no way to record important memories!
With a digital camera, you can review your pictures immediately.
Just play the picture back as soon as you've taken it. If you don't like what you see, erase and take it again. So don't be afraid of pictures not coming out well – just keep on pressing that shutter button!
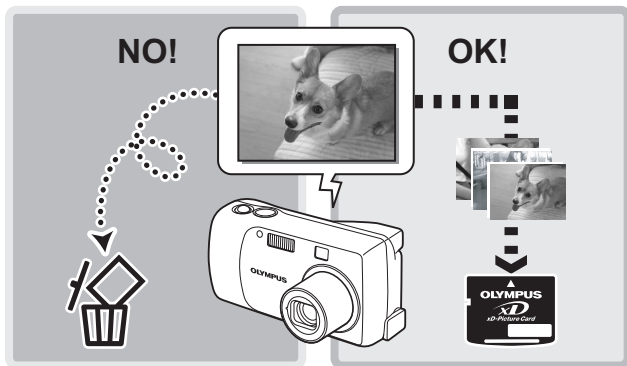
Playing back still pictures

1 Set the POWER switch at ▶.

- The last picture taken is displayed on the monitor (single-frame playback).
- Use the arrow pad to navigate between pictures.

2 Press T or W on the zoom lever.

- This allows you to enlarge the picture (close-up playback) or display an index of pictures (index display).

Press T to return to single-frame display

Press W to return to single-frame display

'05.09.01 12:30 30

T   **W**   **T**   **W**

4.0×
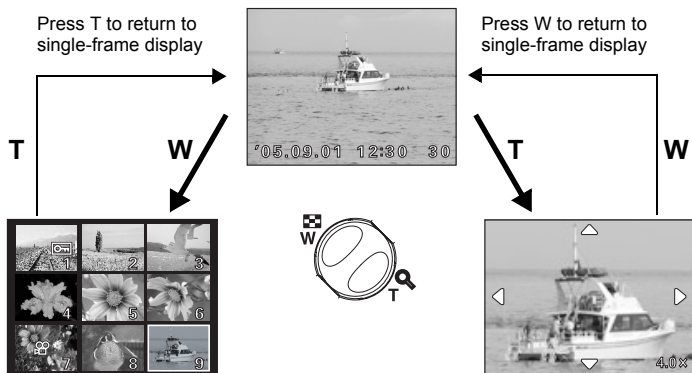
Index display
- During index display, use the arrow pad to select the desired picture.
- You can select the number of pictures to be displayed.
  ☞ "Selecting the number of pictures" (P. 47)

Close-up playback
- Press T to enlarge the picture up to a maximum of 5×.
- By using the arrow pad during close-up playback, you can scroll to different portions of the picture.
- Pictures cannot be stored in an enlarged state.
- Close-up playback is not available for movies.

5

Playback

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Selecting the number of pictures

This function lets you select the number of pictures in an index display from 4, 9, and 16.

OFF ▶ 🗖

Top menu ▶ [MODE MENU] ▶ [SETUP] ▶ [ ]

☞"How to use the menus" (P. 11)

1 **Select [4], [9], or [16], and press .**
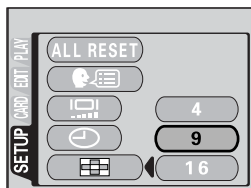
Picture rotation

Pictures taken with the camera held vertically are displayed horizontally. This function lets you rotate such pictures 90° clockwise or counterclockwise so that they are displayed correctly.

-90°   Picture when taken   +90°

OFF ▶ 🗖

Top menu ▶ [MODE MENU] ▶ [PLAY] ▶ [ ]

☞"How to use the menus" (P. 11)

1 **Press to select [+90°] or [-90°], then press .**

• The picture is roated and vertically

5

Playback

47

⚠ **Note**

- The following pictures cannot be rotated.
    Movies, protected pictures, pictures that have been edited on a computer, and pictures taken with another camera.
- New picture orientations are saved even if the power is turned off.

Slideshow 📼

This function displays still pictures stored in the card one after another. Only the first frame of each movie is displayed.
Select a still picture and display the top menu.

OFF ▶ ■

Top menu ▶ [▣] ☞ "How to use the menus" (P. 11)

- The slideshow starts.
- Press 🔘 to stop the slideshow. The slideshow will not stop until you cancel it by pressing 🔘.

⚠ **Note**

- You are recommended to use the optional AC adapter when running a slideshow for a long period of time. When using batteries, the slideshow will stop automatically after 30 miniutes and the camera turns off.

Playing back movies ▣

This function lets you play back movies. You can fast forward the movie or play it back one frame at a time.
Select a picture with 🎥 and display the top menu.

OFF ▶ 📷

Top menu ▶ [MOVIE PLAYBACK]   ☞ "How to use the menus" (P. 11)

1 Select [PLAYBACK], and press ⓄⓀ.

- The movie is played back. When playback ends, the display automatically returns to the beginning of the movie.
- Fast forward/fast rewind functions are available during playback.

    ⓐ : Fast forward. Each press switches the speed between ×1, ×2 and ×20.

    ⓑ : Fast rewind. Each press switches the speed between ×1, ×2 and ×20.

- The [MOVIE PLAYBACK] menu is displayed again after playback ends.

    PLAYBACK: Plays back the entire movie again.

    FRAME BY FRAME:
    Plays back the movie manually one frame at a time.

    EXIT: Leaves the movie playback mode.

    Press ⓐⓑ to select from [PLAYBACK], [FRAME BY FRAME] or [EXIT], and press ⓄⓀ.

● When [FRAME BY FRAME] is selected

- ⓐ : Displays the first frame of the movie.
- ⓑ : Displays the last frame of the movie.
- ⓐ : Displays the next frame. The movie can be played continuously by holding the button down.
- ⓑ : Displays the previous frame. The movie can be played continuously in reverse by holding the button down.
- ⓄⓀ : Displays the [MOVIE PLAYBACK] menu.

⚠ Note

- The access time to play a movie varies depending on the total recorded time and the record mode of the movie.

5

Playback

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Editing still pictures (Resizing)　🖻

Changes the image size of still picture to 640 × 480 or 320 × 240 and saves the picture as a new file.

Select the picture that you want to edit and display the top menu.

OFF ▶ 🔲 ◻

Top menu ▶ [MODE MENU] ▶ [EDIT] ▶ [🖻]

☞ "How to use the menus" (P. 11)

1　Select an image size, and press ⓞⓚ.

• The [BUSY] bar is displayed, and after the picture is saved, the camera returns to the playback mode.

🖻
640×480
320×240
CANCEL
EXIT◀ SELECT◆ GO▶ OK
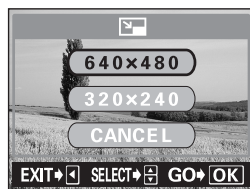
⚠ Note

• 🖻 is not available in the following cases:
  Movies, pictures that have been edited on a computer, pictures taken with another camera, or when there is insufficient space in the card.
• If the image size is 640 × 480 when the picture is taken, [640 × 480] cannot be set.

5

Playback

Editing movies (INDEX)

9 frames extracted from a movie are displayed as an index to show the recorded movie at a glance. Indexes can be stored on the card as a still picture.

Select a picture with 🎬 and display the top menu.

Creating an index

OFF ▶ ◻

Top menu ▶ [MODE MENU] ▶ [EDIT] ▶ [INDEX]

☞ "How to use the menus" (P. 11)

• When there is insufficient space in the card, a warning screen is displayed before returning to the [EDIT] screen.

1 Select the first frame of the index, and press 🆗.

- 🔼 : Jumps to the first frame of the movie.
- 🔽 : Jumps to the last frame of the movie.
- 🔘 : Displays the next frame.
- ◁ : Displays the previous frame.

2 As in Step 1, select the last frame of the index, and press 🆗.

5

Playback

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3 Select [OK], and press {OK}.

INDEX

OK

RESET

CANCEL

SELECT◆ ⬍   GO◆ OK
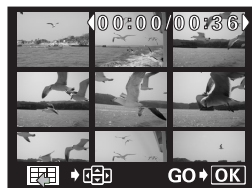
- The 9 frames extracted from the movie appear as an index display, and the camera returns to the playback mode. The index is stored as a new picture.
- If you want to select the frames again, select [RESET] and press {OK} and repeat the procedure from Step 5.
- To cancel the index function, select [CANCEL] and press {OK}.
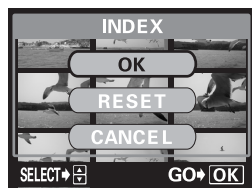
❓ *TIPS*

- The index is stored as a still picture in a different record mode from the original movie.

Record mode when the movie is shot	Record mode when stored as an index
HQ	1024 x 768 pixels
SQ	640 x 480 pixels

⚠ Note

- The interval between the frames that are automatically extracted varies depending on the length of the movie.
- An index consists of 9 frames.
- You cannot create an index if there is insufficient space in the internal memory or card.

5

Playback

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Displaying detailed shooting information

INFO

This function lets you display detailed shooting information on the monitor for approx. 3 seconds in the playback mode. For details of the information displayed, see "Monitor indications" (P. 120).

OFF ▶ ☐

Top menu ▶ [INFO]   ☞ "How to use the menus" (P. 11)

• Each time you select [INFO] from the top menu, the information display is alternately turned on and off.

When [INFO] is on

When [INFO] is off

⚠ Note

• If the picture has been taken with a different camera, only the date and time, frame number, and battery check indication are displayed when [INFO] is set on.

5

Playback

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Protecting pictures

You are recommended to protect important pictures to avoid accidentally erasing them. Protected pictures cannot be erased by the single-frame/all-frame erase function, but they are all erased by formatting.

Select the picture that you want to protect, and display the top menu.

OFF ▶ ☐

Top menu ▶ [MODE MENU] ▶ [PLAY] ▶ [O⌐]

☞"How to use the menus" (P. 11)

1 Select [ON], and press ⊛.

• To cancel protection, select [OFF].

'05 09 01 12 30 30

Displayed when a picture is protected.

Erasing pictures

This function erases recorded pictures. Pictures can be erased either one at a time or all the pictures in the card at once.

⚠ Note

- You cannot erase protected pictures. Cancel protection before erasing such pictures.
- Once erased, pictures cannot be restored. Check each picture before erasing to avoid accidentally erasing pictures you want to keep. ☞ "Protecting pictures" (P. 54)

Single-frame erase

Select the images you want to erase, and then display the top menu.

OFF ▶ ▣ ◻

Top menu ▸ [🗑 ERASE]   ☞ "How to use the menus" (P. 11)

1 Select [YES], and press ⊙.

🗑 ERASE

YES

NO

SELECT ➔ 🔼🔽   GO ➔ OK

All-frame erase 🗑

This function erases all the pictures in the card.

OFF ▶ ▣

Top menu ▶ [MODE MENU] ▶ [CARD] ▶ [CARD SETUP]

☞"How to use the menus" (P. 11)

1 **Select [🗑 ALL ERASE], and press 🔘.**

CARD SETUP

🗑 ALL ERASE

🖪 FORMAT

CANCEL◆◀ SELECT◆⬍ GO◆ OK
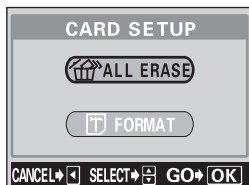
2 **Select [YES], and press 🔘.**

• All the pictures are erased.

🗑 ALL ERASE

⚠ CAUTION ERASING ALL

YES

NO

SELECT◆⬍ GO◆ OK

5

Playback

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Formatting

This function lets you format the card. Formatting prepares cards to receive data.

• Before using non-OLYMPUS cards or cards which have been formatted on a computer, you must format them with this camera.

All existing data, including protected pictures, are erased when the card is formatted. Make sure that you save or transfer important data to a computer before formatting the card.

OFF ▶ ◘

Top menu ▶ [MODE MENU] ▶ [CARD] ▶ [CARD SETUP]

☞ "How to use the menus" (P. 11)

Shooting mode The T FORMAT screen is displayed.
Playback mode The CARD SETUP screen is displayed.

1 **If the [T FORMAT] screen is displayed, press ◢◣ to select YES.**

If the [CARD SETUP] screen is displayed, press ◢◣ to select [T FORMAT], and press ●. When the [T FORMAT] screen appears, press ◢ to select [YES].

```
┌─────────────────────┐
│     T FORMAT        │
│ ⚠ CAUTION  ERASING ALL│
│   ┌─────────────┐   │
│   │    YES      │   │
│   └─────────────┘   │
│   ┌─────────────┐   │
│   │    NO       │   │
│   └─────────────┘   │
│ SELECT◆↕      GO◆ OK │
└─────────────────────┘
```

```
┌─────────────────────┐
│    CARD SETUP       │
│  ┌──────────────┐   │
│  │ 🗑 ALL ERASE  │   │
│  └──────────────┘   │
│  ┌──────────────┐   │
│  │  T FORMAT    │   │
│  └──────────────┘   │
│CANCEL◆◁ SELECT◆↕ GO◆ OK│
└─────────────────────┘
```
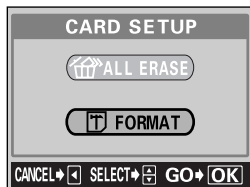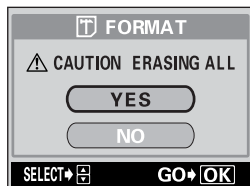
⚠ Note

• Do not do any of the following during formatting as such actions may damage the card.

Open the card cover or battery compartment cover, or connect or disconnect the AC adapter (regardless of whether there are batteries in the camera or not).

5

Playback

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Settings

◀◀◀◀◀◀◀◀◀◀◀◀◀◀◀◀◀◀◀◀◀◀◀◀◀◀◀◀◀◀◀◀◀

One of the key features of a digital camera is that you can view the pictures you have taken immediately.
But that isn't all.
For example, you can save the settings you made for certain functions so that you may use them even after the power is turned off. You can also make adjustments on the brightness of the monitor, depending on your taste or the surrounding conditions. And if you lend the camera to friends from abroad, you can select the appropriate language for on-screen display.
Making use of these functions will make such a difference to how much fun you get out of your camera. Why not try them out?
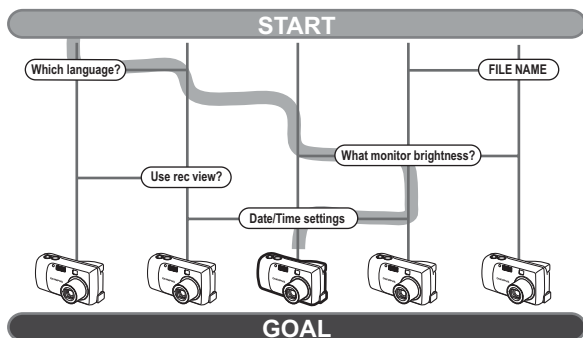
Now you have your very own customized camera!

Saving camera settings (ALL RESET)

This function lets you choose whether or not to save the current camera settings after the power is turned off. The settings affected by [ALL RESET] are listed below.
The [ALL RESET] setting ([ON]/[OFF]) applies to all modes. It applies whether the camera is in shooting mode or playback mode.

ON   All settings are returned to the factory default settings after the power is turned off (initial settings).
         Example: If [ALL RESET] is set to [ON] and [◀▪▪] is changed to [SQ1], [◀▪▪] returns to the factory default setting ([HQ]) when the camera is turned on again.
OFF   The settings made before the power is turned off are saved.

OFF ▶ ☐

Top menu ▶ [MODE MENU] ▶ [SETUP] ▶ [ALL RESET]

☞ "How to use the menus" (P. 11)

1 Select [OFF] or [ON], and press ⬛.

⚠ Note

- The settings in the [SETUP] tab in the [MODE MENU] ([ALL RESET], [🌐▤], [⫾▱▯], etc.) are saved even when [ALL RESET] is set to [ON].

● Functions that return to default settings when [ALL RESET] is set [ON].

Function	Factory default setting	Ref. Page
WB	AUTO	P. 38
Monitor*	ON	P. 20
DRIVE	☐	P. 41
◀▪▪	HQ	P. 26
Shooting modes	**P**	P. 28
⚡	AUTO	P. 34
❀	OFF	P. 32
⌧	0.0	P. 37
DIGITAL ZOOM	OFF	P. 31
s❀	OFF	P. 33
INFO	OFF	P. 53

* This sets whether the monitor turns on or not when the camera is turned on in shooting mode.

6
Settings

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Changing the display language 🔒🗐

You can select a language for on-screen display. Available languages vary depending on the area where you purchased this camera.

OFF ▣ ◘

Top menu ▶ [MODE MENU] ▶ [SETUP] ▶ [🔒🗐]

☞ "How to use the menus" (P. 11)

1 **Select a language, and press 🔘.**

🔒🗐
ENGLISH
FRANCAIS
DEUTSCH
ESPAÑOL
SELECT▶ ▲▼   GO▶ OK
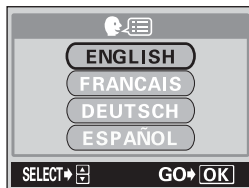
Viewing pictures immediately (REC VIEW)

You can choose whether or not to display the picture you have just taken on the monitor.

ON   This displays the picture while it is being recorded. This is useful for making a brief check of the picture you have just taken. During rec view, the camera is ready to shoot.

OFF   The picture being recorded to the card is not displayed. This is useful when you want to prepare for your next shot while the previous picture is being recorded.

OFF ▶ ☐

Top menu ▶ [MODE MENU] ▶ [SETUP] ▶ [REC VIEW]

☞ "How to use the menus" (P. 11)

1   Select [OFF] or [ON], and press ⓔ.

```
ALL RESET
🔊⚙
REC VIEW ◀  OFF
FILE NAME   ON
PIXEL MAPPING
```
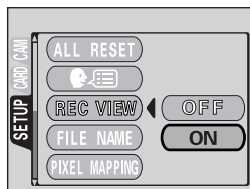
⚠ Note

• If the batteries are running low when you take a picture with the monitor off and [REC VIEW] is set to [ON], the picture may not be displayed.

6

Settings

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Resetting the file name (FILE NAME)

The camera automatically creates file names and folder names for images to be stored in. Files can be numbered from 0001 to 9999 and folders can be numbered from 100 to 999. Examples are shown below.

```
                        Folder name          File name
          \ D C I M \ * * * O L Y M P \ P m d d * * * * . j p g
              Folder No.      Month (1 – C)       File No.
              (100 – 999)                        (0001 – 9999)
                              Day (01 – 31)
   Month: Jan. – Sep. = 1 – 9, Oct. = A, Nov. = B, Dec. = C
```

There are two settings from which you can choose: [RESET] or [AUTO]. Choose the one that is best for you when transferring images to a computer.

RESET   The file number and folder number are reset every time a new card is inserted in the camera. The folder number returns to No. 100 and the file number returns to No. 0001. This method is useful when grouping files on separate cards.
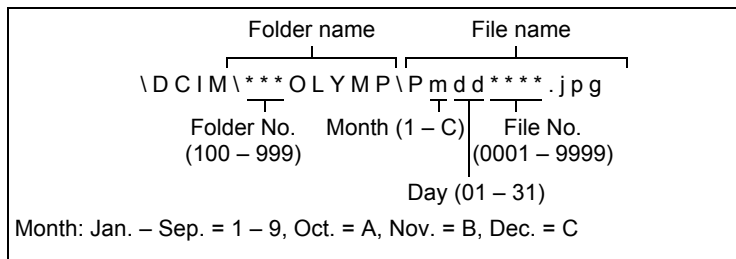
AUTO   Even if a new card is inserted, the folder number and file number are retained from the previous card, so the same file number is not used on different cards. This helps you to manage multiple cards. This method is useful when you want to manage all your files with sequential numbers.

OFF ▸ ▣ ▢

Top menu ▸ [MODE MENU] ▸ [SETUP] ▸ [FILE NAME]

☞ "How to use the menus" (P. 11)

1 **Select [RESET] or [AUTO], and press .**

```
┌─────────────────────────────┐
│        ALL RESET            │
│         ⏱⏳              │
│        REC VIEW            │
│   FILE NAME  ◀ RESET        │
│  PIXEL MAPPING   AUTO       │
└─────────────────────────────┘
```
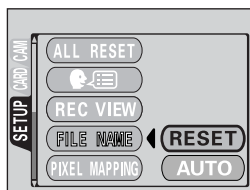
⚠ Note

- When the File No. reaches 9999, the File No. returns to 0001 and the Folder No. changes.
- When both the Folder and File No. reach their respective maximum number (999/9999), the number of storable pictures becomes 0 even if the card is not full. No more pictures can be taken. Replace the card with a new one.

6

Settings

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Checking the image processing function (PIXEL MAPPING)

The pixel mapping feature allows the camera to check and adjust the CCD and image processing functions. It is not necessary to operate this function frequently. Approximately once a year is recommended. Wait at least one minute after taking or viewing pictures to allow for proper performance of the pixel mapping function.
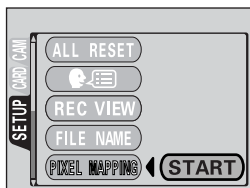
OFF ▶ 🔲

Top menu ▶ [MODE MENU] ▶ [SETUP] ▶ [PIXEL MAPPING]

☞ "How to use the menus" (P. 11)

1 When [START] is displayed, press 🔘.

• The [BUSY] bar is displayed during pixel mapping. When pixel mapping is finished, the screen returns to the mode menu.

ALL RESET	
🔳 📧	
REC VIEW	
FILE NAME	
PIXEL MAPPING ◀	START

⚠ Note

• If you turn the camera off during pixel mapping, start again from Step 1.

Adjusting the brightness of the monitor 🔲

This function lets you adjust the brightness of the monitor to make it easier to see the image.

OFF ▶ 🔲

Top menu ▶ [MODE MENU] ▶ [SETUP] ▶ [🔲]

☞ "How to use the menus" (P. 11)

1 Adjust the brightness while looking in the monitor, and when you have set the desired level, press 🔘.

• Pressing ⊘ brightens the monitor, and pressing ⊘ darkens it.

ADJUST ▶ ⬍   GO ▶ OK

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Settings

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Setting the date and time ⏱

This function lets you set the date and time. The date and time is saved with each picture, and is used in the file name.
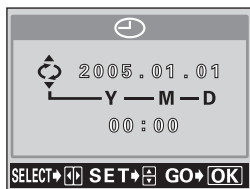
OFF ▶ ◻

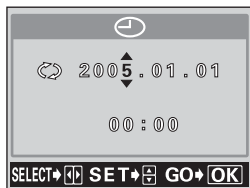**Top menu ▶ [MODE MENU] ▶ [SETUP] ▶ [⏱]**

☞ "How to use the menus" (P. 11)

1 **Press ⊗⊘ to select one of the following date formats: [Y-M-D] (Year/Month/Day), [M-D-Y] (Month/Day/Year), [D-M-Y] (Day/ Month/Year), and press ⓓ.**

- Move to the year setting.
- The following steps show the procedure used when the date and time settings are set to [Y-M-D].

⏱

2005 . 01 . 01

Y — M — D

00 : 00

SELECT◆ ◀▶ SET◆ ⬍ GO◆ OK

2 **Press ⊗⊘ to set the year, and press ⓓ to move to the month setting.**

- To move back to the previous setting, press ◁.
- The first two digits of the year are fixed.

⏱

2005 . 01 . 01

00 : 00

SELECT◆ ◀▶ SET◆ ⬍ GO◆ OK

3 **Repeat this procedure until the date and time are completely set.**

- The time is displayed in the 24-hour format. Consequently, 2 p.m. is displayed as 14:00.

4 **Press ⓔ.**

- For a more accurate setting, press ⓔ when the time signal hits 00 seconds.

⚠ Note

- The date and time settings return to the factory default settings if the camera is left without batteries for approximately 3 days. The settings will be canceled more quickly if batteries were only loaded in the camera for a short time before being removed. Before taking important pictures, check that the date and time settings are correct.

6

Settings

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Printing pictures

▶▶▶▶▶▶▶▶▶▶▶▶▶▶▶▶▶▶▶▶▶▶▶▶▶▶▶▶▶▶▶▶▶▶▶▶▶

You can easily print out the pictures recorded on the card, when this camera is docked with the ImageLink compatible printer.
For more details on ImageLink compatible printers, refer to the printer's instruction manual.
If you print the pictures at home, you can either connect the camera directly to the printer or you can connect the camera to a computer and download the pictures to the computer first.
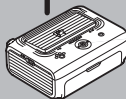If you go to a photo store, it is a good idea to store the print reservation data on the card first. This lets you select the pictures you want to print and decide how many prints you want.

Printing at the store

Select the pictures you want to print at the store

Use the camera to select the pictures you want to print

Print reservation

DirectPrint

Printing at home

Direct printing (PictBridge)

Using the direct printing function

By connecting the camera to a PictBridge-compatible printer with the USB cable, you can print out recorded pictures directly. With the camera connected to the printer, select the pictures you want to print and the number of prints on the camera's monitor. It is also possible to print out pictures using the print reservation data.
☞"Print settings (DPOF)" (P. 73)
To find out if your printer is compatible with PictBridge, refer to the printer's instruction manual.

What is PictBridge?… It is the standard for connecting digital cameras and printers of different manufacturers and printing out pictures directly.

STANDARD… All printers that support PictBridge have standard print settings. If [STANDARD] is selected on the settings screens (P. 67 to P. 71), images are printed according to these settings. Refer to the printer's instruction manual for its standard settings or contact the printer manufacturer.

? *TIPS*

- For details of printing paper types, ink cassettes, etc., refer to the printer's instruction manual.

⚠ **Note**

- You are recommended to use the optional AC adapter when printing pictures. If you use batteries, make sure they have enough power. If the camera stops operating while communicating with the printer, the printer may malfunction or image data may be lost.
- Movies cannot be printed.
- The camera does not enter sleep mode when connected to the printer by the USB cable.

Print modes and settings

Available printing modes, paper sizes etc., vary depending on the printer you use. Refer to the instruction manual for your printer.

Printing pictures

Use the USB cable provided to connect the camera to a PictBridge-compatible printer.
The basic printing method for printing one picture is shown below. One print of your
selected picture will be printed using the standard settings of your printer. The date
and file name are not printed.

1 Turn the printer on and plug the printer end of the USB cable into the printer's USB port.

• For details of how to turn the printer on
and the position of the USB port, refer to
the printer's instruction manual.

2 Plug the USB cable into the camera's USB connector.
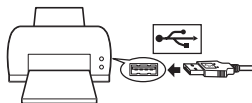
USB connector cover
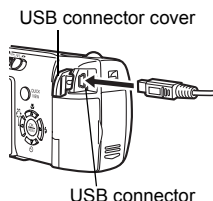
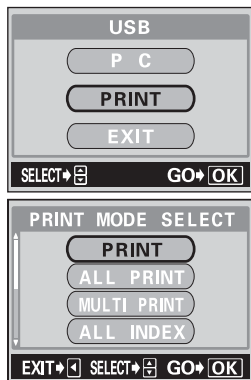USB connector

3 Set the POWER switch at ▶.

• The monitor turns on and the selection
screen for the USB connection is
displayed.

4 Select [PRINT], and press ☺.

• [ONE MOMENT] is displayed and the
camera and printer are connected. The
[PRINT MODE SELECT] screen is
displayed on the monitor. Make the print
settings on the camera's monitor.

5 Select [PRINT], and press ☺.

• The [PRINTPAPER] screen is
displayed.

```
          USB
       P C
       PRINT
       EXIT

  SELECT→▤      GO→ OK
```

```
   PRINT MODE SELECT
       PRINT
       ALL  PRINT
       MULTI PRINT
       ALL  INDEX

 EXIT→◀ SELECT→▤ GO→ OK
```

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Printing pictures

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6 Press ⓔ without changing the [SIZE] or [BORDERLESS] settings.

- When the [PRINTPAPER] screen is not displayed, go to Step 7.

PRINT PAPER

SIZE   BORDERLESS

🖶 STANDARD ▶ 🖶 STANDARD

CANCEL ▶ ◀ SELECT ▶ 🖶 GO ▶ OK

7 Press ◀◀ to select the picture you want to print, and press ⓐ.

- The [SINGLE PRINT] is set.

FILE:100 - 0030

SELECT ▶ ◀▶   PRINT ▶ OK
SINGLE PRINT ▶ ▲   MORE ▶ ▼

8 Press ⓔ.

- [PRINT] screen is displayed.

FILE:100 - 0030

SELECT ▶ ◀▶   PRINT ▶ OK
CANCEL ▶ ▲   MORE ▶ ▼

9 Select [OK], and press ⓔ.

- Printing starts.
- When printing is finished, the [PRINT MODE SELECT] screen is displayed.

PRINT

OK

CANCEL

CANCEL ▶ ◀ SELECT ▶ 🖶 GO ▶ OK

TRANSFERRING
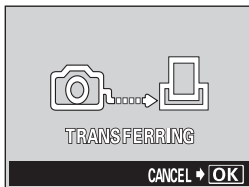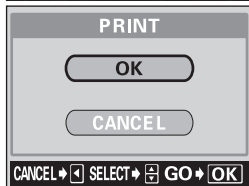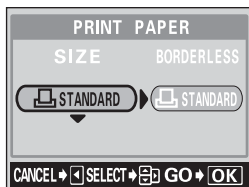
CANCEL ▶ OK

Screen during data transfer

● To cancel printing

Pressing ⊛ during print data transfer displays
the screen for selecting whether to continue or
cancel printing. To cancel printing, select
[CANCEL], and press ⊛.

```
         PRINT

      CONTINUE

      CANCEL

SELECT ➜ 🔡        GO ➜ OK
```

10 In the [PRINT MODE SELECT] screen, press ◁.

• A message is displayed.

```
   PRINT MODE SELECT
         PRINT
       ALL PRINT
      MULTI PRINT
       ALL INDEX
EXIT➜◁ SELECT➜🔡 GO➜OK
```
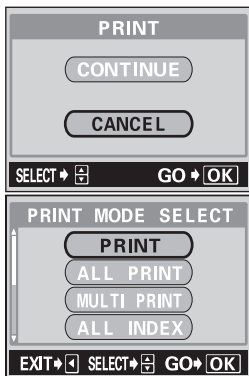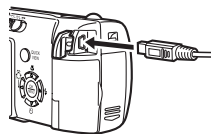
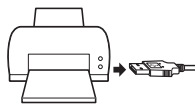## *11* Slide the POWER switch to OFF.

POWER switch

• The camera turns off.
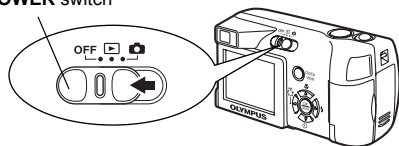
12 Remove the USB cable from the camera.

13 Remove the USB cable from the printer.

⚠ Note

• When select [PC] Step 4, the [PRINT MODE SELECT] screen is not displayed
in Step 5. Disconnect the USB cable, and repeat the procedure from Step 1.
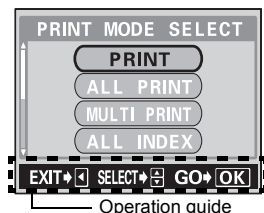
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Printing pictures

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Other print modes and print settings

There are many other print modes available besides the basic mode. Even within the same mode, you have the choice of setting a border or the paper size.
Follow the operation guide for the screens shown below.

Selecting a print mode

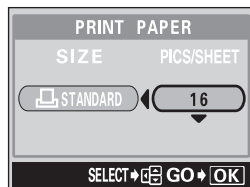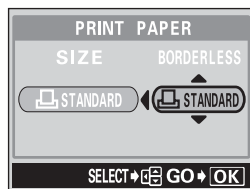|	
PRINT	Prints the selected picture.
ALL PRINT	Prints all the pictures stored in the card.
MULTI PRINT	Prints one picture in multiple layout format.
ALL INDEX	Prints an index of all the pictures stored in the card.
PRINT ORDER	Prints the pictures according to the print reservation data. If no print reservations have been made, this option is not available. ☞"Print settings (DPOF)" (P. 73)

```
PRINT MODE SELECT
    PRINT
  ALL  PRINT
 MULTI  PRINT
  ALL  INDEX
EXIT◆◁ SELECT◆⊟ GO◆ OK
```
Operation guide

Setting the paper

Select the paper size and border on the [PRINTPAPER] screen.

SIZE	Choose from the available paper sizes on your printer.
BORDERLESS	Select framed or unframed. In [MULTI PRINT] mode, you cannot select the frame.
OFF (▢)	The picture is printed inside a blank frame.
ON (▢)	The picture is printed filling the entire page.
PICS/SHEET	Available in [MULTI PRINT] mode only. The number of prints that can be printed vary depending on the printer.

```
PRINT  PAPER
SIZE        BORDERLESS
⊡STANDARD ◀ ⊡STANDARD
              ▼
SELECT◆⊞ GO◆ OK
```

```
PRINT  PAPER
SIZE        PICS/SHEET
⊡STANDARD ◀    16
              ▼
SELECT◆⊞ GO◆ OK
```

⚠ Note

• If the [PRINTPAPER] screen is not displayed, [SIZE], [BORDERLESS] and [PICS/SHEET] are set to [STANDARD].

Selecting the picture you want to print

Press ◁▷ to select the picture you want to print. You can also make your selection by pressing the zoom lever, and using the index display.

PRINT   Prints one copy of the picture.
SINGLE PRINT   Makes a print reservation for the picture. The print reservation icon is displayed.
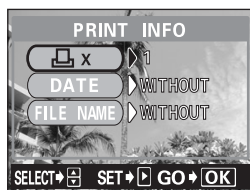**MORE**   For setting the number of prints or printing data.

FILE:100 - 0030
SELECT ➜ ◀▶   PRINT ➜ OK
SINGLE PRINT ➜ ▲   MORE ➜ ▼

The print reservation icon is displayed.

FILE:100 - 0030
SELECT ➜ ◀▶   PRINT ➜ OK
CANCEL ➜ ▲   MORE ➜ ▼

Setting the number of prints and printing data

凸×   Sets the number of prints. You can select up to 10 prints.
DATE (⏱)   If you select [WITH], pictures are printed with the date.
FILE NAME (▣) If you select [WITH], pictures are printed with the file name.

PRINT INFO
凸 x   1
DATE   WITHOUT
FILE NAME   WITHOUT
SELECT ➜ ▲▼   SET ➜ ▶   GO ➜ OK

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Printing pictures

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If an error code is displayed

If an error code is displayed on the camera's monitor during direct print setting or printing, see the following table.
For more details, refer to the printer's instruction manual.

Monitor indication	Possible cause	Corrective action
🔲✗ NO CONNECTION	The camera is not connected to the printer correctly.	Disconnect the camera and connect it again correctly.
📄 NO PAPER	There is no paper in the printer.	Load some paper in the printer.
🎨 NO INK	The printer has run out of ink.	Replace the ink cartridge in the printer.
8⋀ JAMMED	The paper is jammed.	Remove the jammed paper.
SETTINGS CHANGED	The printer's paper cassette has been removed or the printer configuration has been changed.	Do not reconfigure the printer after the settings have been made.
⚠ PRINT ERROR	There is a problem with the printer and/or camera.	Turn off the camera and printer. Check the printer and remedy any problems before turning the power on again.

❓ *TIPS*

• If an error code other than those shown above is displayed, see "Error codes" (P. 96).

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Printing pictures

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Print settings (DPOF)

How to make print reservations

Print reservation allows you to save printing data (the number of prints and the date/time information) with the pictures stored on the card.

With print reservation, you can print out pictures easily either at home using a personal DPOF-compatible printer or at a photo store that supports DPOF. DPOF is a standard format used to record automatic print information from digital cameras. You can print out pictures automatically, at home or at a photo store, by storing data, such as which pictures you want to print and the number of prints, on the card.

Pictures with print reservations can be printed using the following procedures.
Printing using a DPOF-compatible photo store.
    You can print the pictures using the print reservation data.
Printing using a DPOF-compatible printer.
    Printing is possible directly from a card containing print reservation data without using a computer. For more details, refer to the printer's instruction manual. A PC card adapter may also be necessary.

? *TIPS*

Relation between printing and record mode when shooting
The resolution of a computer/printer is generally based on the number of dots (pixels) per inch (dpi). Increasing the dpi when printing a picture produces a finer print. However, as the resolution of the picture is not changed, the size of the print will be smaller. You can enlarge the size of the print, but the picture will appear grainy.
If you want to print large, high-quality pictures, set the record mode as high as possible when taking the pictures. ☞ "Record mode" (P. 23)

⚠ Note

- DPOF reservations set by another device cannot be changed by this camera. Make changes using the original device.
- If a card contains DPOF reservations set by another device, entering reservations using this camera may overwrite the previous reservations.
- If there is not enough space in the card memory, you may not be able to enter the reservation data. [CARD FULL] will be displayed.
- You can make DPOF print reservations for up to 999 images per card.
- Even if an image is displayed with the message [PICTURE ERROR], it may be possible to make print reservations. In this case, the print reservation icon (🖶) is not displayed when the image is displayed for full view. 🖶 is displayed when there are multiple images (index display), allowing you to confirm the print reservation.
- Not all functions may be available on all printers, or at all photo stores.
- Print reservation may take a little time when saving printing data to a card.

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Printing pictures

Single-frame reservation   凸

How to apply [凸] to a selected picture is shown below. Follow the operation guide to make settings.
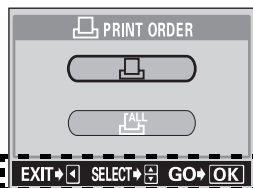
OFF ► ◘

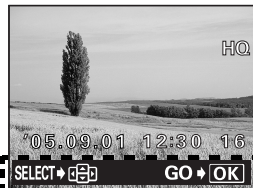**Top menu ▶ [MODE MENU] ▶ [PLAY] ▶ [凸]**

☞ "How to use the menus" (P. 11)

• You cannot make print reservations for pictures with 🎬.
• If data is already stored on the card, the [凸 PRINT ORDER SETTING] screen is displayed, giving you the choice of resetting the data or keeping it.

1 Select [凸], and press 🔘.

凸 PRINT ORDER

凸

凸ALL

Operation guide

EXIT◆◀ SELECT◆⬍ GO◆ OK

2 Select the picture you want to print, and press 🔘.

HQ

'05.09.01 12:30   16

Operation guide

SELECT◆ 🔳🔲🔳 GO◆ OK

3 Select [SINGLE PRINT].

• Sets the number of prints to 1, and returns to Step 2.
• You can make the following settings on this screen.

  MORE   Sets the number of prints and printing data.

  CANCEL Cancels the print reservation for the displayed picture.
  ☞ "Resetting print reservation data" (P. 77)

  END   Exits the print reservation function.

SINGLE PRINT

END   MORE

CANCEL

Single-frame reservation menu

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Printing pictures

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4 The reservation is made. Press ⊛.

• The single-frame reservation menu is displayed.

5 Select [END].

• The [⎕ PRINT ORDER] screen is displayed. Press ◁ until you return to the playback screen.
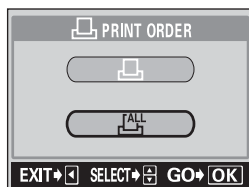
All-frame reservation

Reserves all the pictures stored on the card. You can set the number of prints or print the date and time the picture was taken.
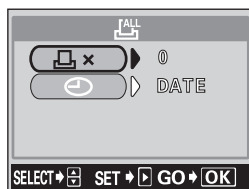
OFF ▶ ☐

Top menu ▶ [MODE MENU] ▶ [PLAY] ▶ [⎕]

🖙 "How to use the menus" (P. 11)

1 Select [⎕], and press ⊛.

┌──────────────────────┐
│   ⎕ PRINT ORDER   │
│   ┌──────────────┐   │
│   │   ⎕   │   │
│   └──────────────┘   │
│   ┌──────────────┐   │
│   │   ⎕ALL   │   │
│   └──────────────┘   │
│ EXIT◄ ◀ SELECT◆ ◆ GO◆ OK │
└──────────────────────┘

2 Select [⎕×] (number of prints) or [⊙] (date/time), and press ▷.

┌──────────────────────┐
│   ⎕ALL   │
│ ┌──────────┐   │
│ │ ⎕×   │▶ ⓪   │
│ └──────────┘   │
│ ┌──────────┐   │
│ │   ⊙   │▷ DATE   │
│ └──────────┘   │
│ SELECT◆ ◆ SET ◆ ▶ GO ◆ OK │
└──────────────────────┘
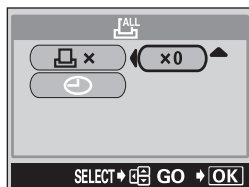All-frame reservation
screen

3 Perform each setting.

● To set the number of prints

Select the number of prints, and press ⊛.
@ : Increases the number.
@ : Decreases the number.

┌──────────────────────┐
│   ⎕ALL   │
│ ┌──────────┐ ┌─────┐▲│
│ │ ⎕×   │◀│ ×0 │ │
│ └──────────┘ └─────┘│
│ ┌──────────┐   │
│ │   ⊙   │   │
│ └──────────┘   │
│ SELECT◆ ⊞ GO ◆ OK   │
└──────────────────────┘

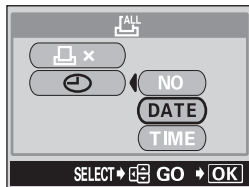### ● **To set the date/time printing data**

Select [NO], [DATE] or [TIME], and press
⊕.

NO The pictures are printed without the date and time.
DATE All the selected pictures are printed with the shooting date.
TIME All the selected pictures are printed with the shooting time.

```
          [ALL]
  ( 凸 × )
  ( ⊕ )  ◀ ( NO )
             ( DATE )
             ( TIME )
  SELECT ➜ GO ➜ OK
```

⚠ **Note**

- The date and time cannot be printed with ImageLink compatible printer.

4 **After setting the number of prints and date/time printing data, press ⊕ to complete the print reservations.**

- The 凸 icon is displayed on the picture.
- The [凸 PRINT ORDER] screen is displayed. Press ⊲ until you return to the playback screen.

Print reservation icon

```
         ( 凸 )
                      HQ
  '05.09.01  12:30  16
  SELECT ➜        GO ➜ OK
```

Resetting print reservation data   凸

This function allows you to reset the print reservation data for pictures stored on the card.
You can reset all the print reservation data or just for selected pictures.

● **To reset the print reservation data for all the pictures**

```
OFF  ▶  ◻
 ─┴──┴──┴─
```

Top menu ▶ [MODE MENU] ▶ [PLAY] ▶ [凸]

☞ "How to use the menus" (P. 11)

1 **Select [RESET], and press ⊕.**

- If there is no print reservation data stored on the card, the [凸 PRINT ORDER SETTING] screen is not displayed.
- Press ⊲ to return to the playback screen.

```
  凸 PRINT ORDER SETTING

     PRINT ORDERED

      ( RESET )
      ( KEEP )

  EXIT➜◀ SELECT➜▤ GO➜OK
```

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Printing pictures

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● **To reset the print reservation data for a selected picture**

OFF ▶ ☐

Top menu ▶ [MODE MENU] ▶ [PLAY] ▶ [凸]

☞ "How to use the menus" (P. 11)

1 Select [KEEP], and press 🔘.

• If there is no print reservation data stored on the card, the [凸 PRINT ORDER SETTING] screen is not displayed.

2 Select [凸], and press 🔘.

## *3* Select the picture with the reservation you want to cancel, and press 🔘.

• The single-frame reservation screen is displayed.

4 Select [CANCEL].

• The print reservation data is canceled and the screen returns to Step 3.

5 If you are finished resetting print reservation data, press 🔘. Select [END].

• The [凸 PRINT ORDER] screen is displayed. Press ◁ until you return to the playback screen.
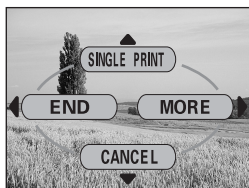
Connecting the camera to a computer

▶ ▶

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Viewing the pictures you have taken on your computer is just one of the many ways you can enjoy your pictures.
You can print out your favorite pictures, use the application software to download your pictures from your camera and edit them or arrange them by date or category, or attach them to e-mail and send them over the Internet.
There are all kinds of ways you can use your pictures with a computer. You can run a slideshow, post your pictures on your home page, create an album, or set your favorite picture as your desktop wallpaper.

Upload pictures

Share with friends

E-mail

Print pictures

Home printing   Online printing

Edit pictures

Album making

Panorama building   **Wallpaper**

Flow
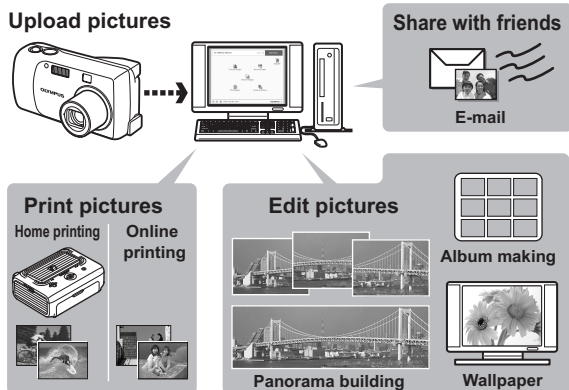
Using the USB cable provided with your camera, you can connect the camera and computer and download (transfer) the images to your computer using the OLYMPUS Master software, also provided with the camera.

Prepare the following items before starting.
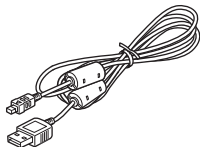
OLYMPUS Master CD-ROM   USB Cable   Computer equipped with a USB port

Install the OLYMPUS Master software	☞ P. 82
↓	
Connect the camera to the computer using the USB cable	☞ P. 86
↓	
Start up the OLYMPUS Master software	☞ P. 87
↓	
Download image files to the computer	☞ P. 89
↓	
Disconnect the camera from the computer	☞ P. 90

? *TIPS*

Viewing and editing downloaded images
→ If you want to process images using graphics applications, make sure you download the images to your computer first. Depending on the software, the image files may be damaged if the images are processed (rotated, etc.) while they are still on the card.

If the data cannot be downloaded from the camera using the USB cable
→ Image files may be downloaded using the optional PC card adapter. For details, visit the Olympus web site at the address shown on the back cover of this manual.

⚠ Note

- It is recommended that you use the optional AC adapter when connecting the camera to a computer. If you use batteries, make sure they have enough power. The camera does not turn off automatically while it is connected to (communicating with) a computer. If the battery power runs out, the camera will stop whatever operation it is performing. This may result in a computer malfunction, or loss of image data (file) being transmitted.
- Do not turn the camera off while it is connected to the computer. Doing so could cause the computer to malfunction.
- Connecting the camera to a computer via a USB hub may cause unstable operation if there is any problem with compatibility between the computer and the hub. In this case, do not use a hub, but connect the camera directly to the computer.

Connecting the camera to a computer

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Using OLYMPUS Master

For editing and managing image files, install the OLYMPUS Master software from the provided CD-ROM.

What is OLYMPUS Master?

OLYMPUS Master is application software for editing images taken with a digital camera on a computer. Installing it on your computer lets you do the following:

Download images from the camera or other media

Manage images
You can organize your images using the calendar display. Search the image you want by date or keyword.

View images and movies
You can run a slideshow and play back sound.

Edit images
You can rotate images, trim them and change the size.
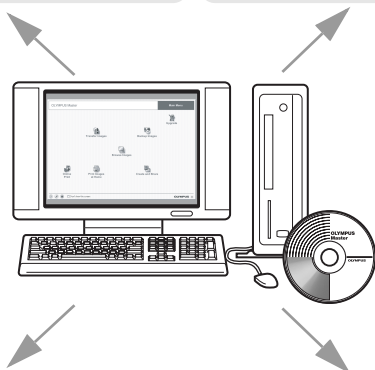
Edit images with the filter and correction functions

Make panoramic images
You can make panoramic images using pictures taken in panorama mode.

Print images
You can print images and make indexes, calendars and postcards.

For details of functions and operations other than the above, refer to the "Help" guide and OLYMPUS Master reference manual.

Connecting the camera to a computer

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Installing OLYMPUS Master

Before installing the OLYMPUS Master software, please confirm that your computer is compatible with the following system requirements.

For newer operating systems, please refer to the Olympus web site as shown on the back cover of this manual.

● **Operating environment**

Windows

OS	Windows 98SE/Me/2000 Professional/XP
CPU	Pentium III 500 MHz or later
RAM	128 MB or more (at least 256 MB is recommended)
Hard disk capacity	300 MB or more
Connector	USB port
Monitor	1,024 × 768 pixels, 65,536 colors or more

Note

- Data transfer is only guaranteed on computers with a factory installed OS.
- To install the software in Windows 2000 Professional/XP, you must log on as a user with administrators' privileges.
- Internet Explorer and QuickTime 6 or later should be installed on your computer.
- Windows XP corresponds to Windows XP Professional/Home Edition.
- Windows 2000 corresponds to Windows 2000 Professional.
- If you are using Windows 98SE, the USB driver is installed automatically.

Macintosh

OS	Mac OS X 10.2 or later
CPU	Power PC G3 500 MHz or later
RAM	128 MB or more (at least 256 MB is recommended)
Hard disk capacity	300 MB or more
Connector	USB port
Monitor	1,024 × 768 pixels, 32,000 colors or more

Connecting the camera to a computer

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✔ **Note**

- Operation is only guaranteed on a Macintosh equipped with a built-in USB port.
- QuickTime 6 or later and Safari 1.0 or later must be installed.
- Be sure to remove the media (drag & drop onto the trash icon) before performing the following operations. Failure to do so could result in unstable computer operation and the need to reboot.
  - Disconnect the cable connecting the camera to the computer
  - Turn off the camera
  - Open the camera's card cover
  - Open the camera's battery compartment cover

Windows

1 **Insert the CD-ROM into the CD-ROM drive.**

- The OLYMPUS Master setup screen is displayed.
- If the screen is not displayed, double-click the "My Computer" icon and click the CD-ROM icon.
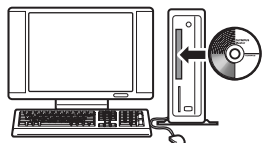
2 **Click the "OLYMPUS Master".**

- The QuickTime installation screen is displayed.
- QuickTime is required to use OLYMPUS Master. If the QuickTime screen is not displayed, QuickTime 6 or later is already installed on the computer. In this case, go to step 4.

Connecting the camera to a computer

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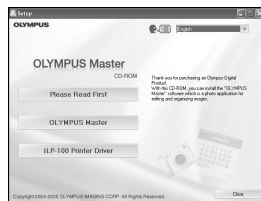
3 Click "Next" and follow the on-screen instructions.

- When the QuickTime licensing agreement is displayed, read the agreement and click "Agree" to proceed with the installation.
- The OLYMPUS Master installation screen is displayed.
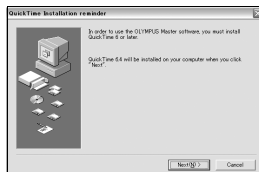
4 Follow the on-screen instructions.

- When the OLYMPUS Master licensing agreement is displayed, read the agreement and click "Yes" to proceed with the installation.

- When the "User Information" dialog box is displayed, enter your "Name" and "OLYMPUS Master Serial Number"; select your region and click "Next". Refer to the sticker on the CD-ROM package for the serial number.
- When the DirectX licensing agreement is displayed, read the agreement and click "Yes".
- A screen asking whether or not you want to install Adobe Reader is displayed. Adobe Reader is required to read the OLYMPUS Master instruction manual. If this screen is not displayed, Adobe Reader is already installed on your computer.
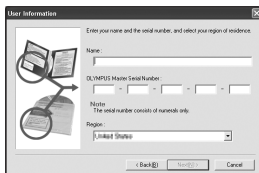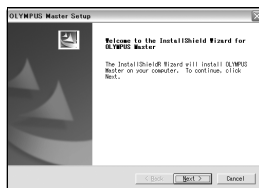
5 To install Adobe Reader, click "OK".

- To cancel installation, click "Cancel". Go to Step 7.
- The Adobe Reader installation screen is displayed. Follow the on-screen instructions.

Connecting the camera to a computer

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6 Follow the on-screen instructions.

• The screen confirming that installation is completed is displayed. Click "Finish".
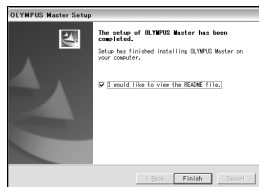
7 Select the option to restart immediately when the screen asking you if you wish to restart the computer is displayed and click "OK".

• The computer restarts.
• Remove the CD-ROM from the CD-ROM drive and store it.

Macintosh

1 Insert the CD-ROM into the CD-ROM drive.

• The CD-ROM window is displayed.
• If the CD-ROM window is not displayed, double-click the CD-ROM icon on the desktop.

2 Double-click on the desired language folder.

3 Double-click the "Installer" icon.

• The OLYMPUS Master installer starts up.
• Follow the on-screen instructions.
• When the OLYMPUS Master licensing agreement is displayed, read the agreement and click "Continue" and then "Agree" to proceed with the installation.
• The screen confirming that installation is completed is displayed.

4 Click "Finish".

• The first screen is displayed.

5 Click "Restart".

• The computer restarts.
• Remove the CD-ROM from the CD-ROM drive and store it.

Connecting the camera to a computer

Use the USB cable provided with the camera to connect the camera to your computer.

1 **Make sure the POWER switch is located at OFF.**

POWER switch

OFF ▶ ☐
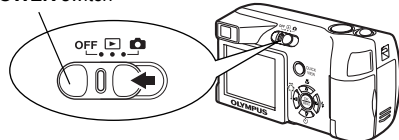
2 **Plug the USB cable into the USB port on the computer.**
   • Refer to your computer's instruction manual to locate the position of the USB port.

3 **Plug the other end of the USB cable into the camera's USB connector.**

USB connector cover
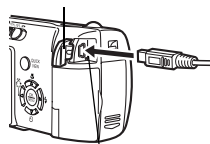
USB connector

4 **Slide the POWER switch to ▶.**
   • The monitor turns on and the selection screen for the USB connection is displayed.

5 **Select [PC], and press ☺.**
6 **The camera is recognized by the computer.**

   • Windows
     When you connect the camera to your computer for the first time, the computer attempts to recognize the camera. Click "OK" to exit the message that is displayed.
     The camera is recognized as a "Removable Disk".

   • Macintosh
     The iPhoto program is the default application for managing digital images. When you connect your digital camera for the first time, the iPhoto application starts automatically, so close this application and start OLYMPUS Master.

```
        USB
    ┌──────────┐
    │   P C    │
    ├──────────┤
    │  PRINT   │
    ├──────────┤
    │   EXIT   │
    └──────────┘
SELECT→ ⬍          GO→ OK
```
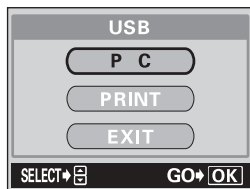
⚠ Note

   • The camera functions are disabled while the camera is connected to a computer.

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Connecting the camera to a computer

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Starting up OLYMPUS Master

Windows

1 Double-click the "OLYMPUS Master" icon 🖼️ on the desktop.

- The main menu is displayed.
- When OLYMPUS Master is started up for the first time after installation, the "Registration" dialog box is displayed before the main menu. Follow the prompts and fill in the registration form.

Macintosh

1 Double-click the "OLYMPUS Master" icon 🖼️ in the "OLYMPUS Master" folder.

- The main menu is displayed.
- When OLYMPUS Master is started up for the first time, the "User Information" dialog box is displayed before the main menu. Enter your "Name" and "OLYMPUS Master Serial Number", and select your region.
- After the "User Information" dialog box, the "Registration" dialog box is displayed. Follow the prompts and fill in the registration form.
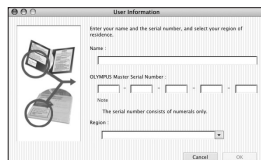
●OLYMPUS Master main menu
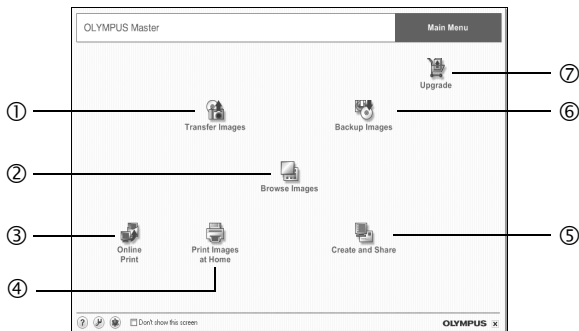
① **"Transfer Images" button**
Downloads images from the camera or other media.

② **"Browse Images" button**
Displays the browse window.

③ **"Online Print" button**
Displays the Online Print window.

④ **"Print Images" button**
Displays the print menu.

⑤ **"Create and Share" button**
Displays the editing menu.

⑥ **"Backup Images" button**
Creates backup images.

⑦ **"Upgrade" button**
Displays window for optional upgrade to OLYMPUS Master Plus.

●To exit OLYMPUS Master

1 **Click the "Exit" on the main menu.**

• OLYMPUS Master is exited.

Connecting the camera to a computer

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Displaying camera images on a computer

Downloading and saving images

You can save camera images on your computer.

1 **Confirm first that [BUSY] is no longer displayed on the LCD monitor.**

2 **Click "Transfer Images" 🎦 on the OLYMPUS Master main menu.**

   • The menu for selecting the source is displayed.

3 **Click "From Camera" 🎦.**

   • The window for selecting images is displayed. All the images in the camera are displayed.

4 **Select the image files and click "Transfer Images".**

   • A window indicating that the download is complete is displayed.

5 **Click "Browse images now.".**

   • The downloaded images are displayed in the browse window.
   • To return to the main menu, click "Menu" in the "Browse" window.
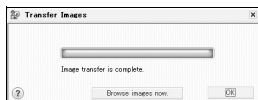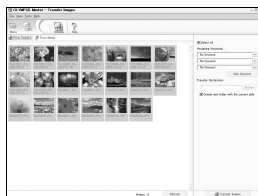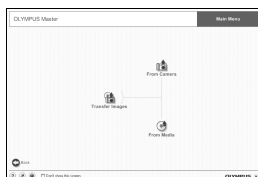
⚠ Note

   • While transferring images, never do any of the following:
     • Open the camera's card cover.
     • Open the camera's battery compartment cover.
     • Connect or disconnect the AC adapter.

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● **To disconnect the camera**

You can disconnect the camera after downloading the images to your computer.

1 **Confirm first that [BUSY] is no longer displayed on the LCD monitor.**

2 **Make the following preparations for disconnecting the USB cable.**

Windows 98SE

1 Double-click the "My Computer" icon and right-click the "Removable Disk" icon to display the menu.
2 Click "Eject" on the menu.

Windows Me/2000/XP

1 Click the "Unplug or Eject Hardware" icon in the system tray.
2 Click the message that is displayed.
3 When a message is displayed saying that the hardware can be ejected safely, click "OK".

Stop USB Mass Storage Device - Drive(F:)
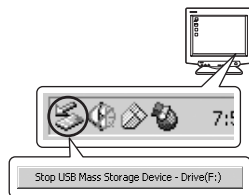
Macintosh

1 The trash icon changes to the eject icon when the "Untitled" or "NO_NAME" icon on the desktop is dragged. Drag and drop it on the eject icon.

8 **Connecting the camera to a computer**

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3 **Disconnect the USB cable from the camera.**
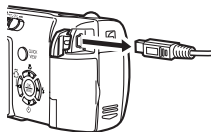
⚠ **Note**

• Windows Me/2000/XP: When you click "Unplug or Eject Hardware", a warning message may be displayed. Make sure that image data is not being downloaded from the camera and that all applications are closed. Click the "Unplug or Eject Hardware" icon again and disconnect the cable.

Viewing still pictures and movies

1 **Click "Browse Images" on the OLYMPUS Master main menu.**

• The "Browse" window is displayed.

2 **Double-click the still picture thumbnail that you want to view.**

Thumbnail
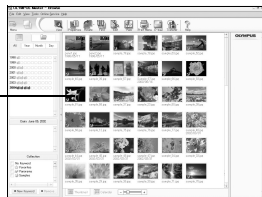
• The camera switches to view mode and the picture is enlarged.
• To return to the main menu, click "Menu" in the "Browse" window.

Connecting the camera to a computer

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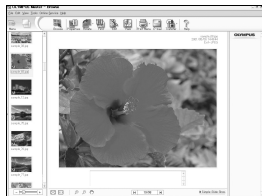
● **To view a movie**

1 **Double-click the movie thumbnail that you want to see in the "Browse" window.**

• The camera switches to view mode and the first frame of the movie is displayed.

2 **To play back the movie, click playback button ⊙ at the bottom of the screen.**

The names and functions of the controller parts are shown below.

	Item	**Description**
1	Playback slider	Move the slider to select a frame.
2	Time display	Displays the time that has elapsed during playback.
3	Playback (pause) button	Plays the movie. Functions as the pause button during playback.
4	Back button	Displays the previous frame.
5	Forward button	Displays the next frame.
6	Stop button	Stops playback and returns to the first frame.
7	Repeat button	Plays the movie repeatedly.
8	Volume button	Displays the volume adjustment slider.

Printing pictures

Pictures can be printed from the photo, index, postcard and calendar menus. The explanation below uses the photo menu.

1 **Click "Print Images" 🖶 on the OLYMPUS Master main menu.**

• The print menu is displayed.

2 Click "Photo" ▦.

• The "Photo Print" window is displayed.

3 Click "Settings" in the "Photo Print" window.

• The printer settings screen is displayed. Make the necessary printer settings.
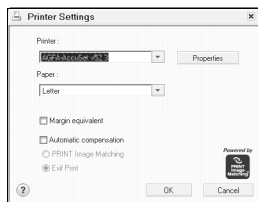
4 Select a layout and size.

• To print the date and time with your image, check the box next to "Print Date", and select between "Date" and "Date & Time".
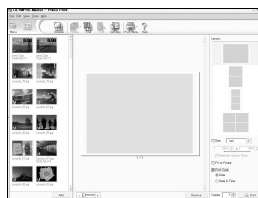
5 Select the thumbnail image that you want to print and click "Add".

• A preview of the selected image is displayed on the layout.

6 Select the number of copies.

Connecting the camera to a computer

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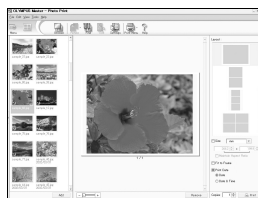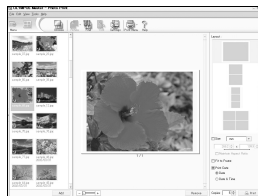
7 Click "Print".

- Printing starts.
- To return to the main menu, click "Menu" in the "Photo Print" window.

To download and save images to a computer without using OLYMPUS Master

This camera is compatible with USB mass storage. You can connect the camera to your computer using the USB cable provided with the camera to download and save images without using OLYMPUS Master. The following environment is required to use the USB cable to connect the camera to your computer.

Windows: Windows 98SE/Me/2000 Professional/XP

Macintosh: Mac OS 9.0 to 9.2/X

Note

- If your computer is running Windows 98SE, you will need to install the USB driver. Before connecting the camera to your computer with the USB cable, double-click the files from the following folders on the OLYMPUS Master CD-ROM provided.
  (Drive name):\USB\INSTALL.EXE
- Data transfer is not guaranteed in the following environments, even if your computer is equipped with a USB port.
  - Windows 95/98/NT 4.0
  - Windows 98SE upgrades from Windows 95/98
  - Mac OS 8.6 or earlier (However, data transfer is confirmed on Mac OS 8.6 equipped with a factory-installed USB port and USB MASS Storage Support 1.3.5.)
  - Computers with a USB port added by means of an extension card, etc.
  - Computers without a factory-installed OS and home-built computers.

Appendix

▶ ▶

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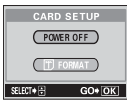
This chapter contains useful information from OLYMPUS.
Here you will find what to do when you are stuck or don't understand the meaning of the terms used in this manual. Refer to this section for basic troubleshooting, camera care and a full glossary to understanding the terms used in this manual.
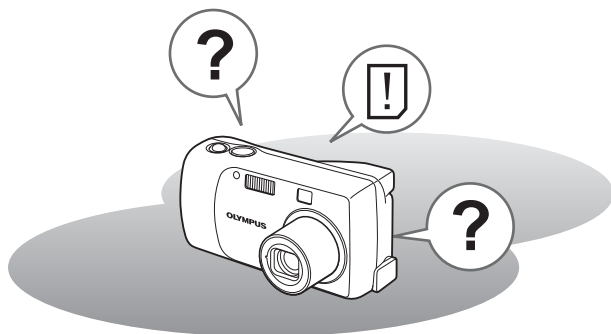
Troubleshooting

Error codes

Monitor indication	Possible cause	Corrective action
NO CARD	The card is not inserted, or it cannot be recognized.	Insert a card or insert a different card. If the problem persists, format the card. If the card cannot be formatted, it cannot be used.
CARD ERROR	There is a problem with the card.	This card cannot be used. Insert a new card.
WRITE-PROTECT	Writing to the card is prohibited.	The recorded image has been protected (read-only) on a computer. Download the image to a computer and cancel the read-only setting.
CARD FULL	The card is full. No more pictures can be taken or no more information such as print reservation can be recorded.	Replace the card or erase unwanted pictures. Before erasing, download important images to a PC.
NO PICTURE	There are no pictures in the card.	The the card contain no pictures. Record pictures.
PICTURE ERROR	There is a problem with the selected picture and it cannot be played back on this camera.	Use image processing software to view the picture on a computer. If that cannot be done, the image file is damaged.
CARD-COVER OPEN	The card cover is open.	Close the card cover.
BATTERY EMPTY	The battery power is exhausted.	Replace the batteries with new ones, or charge the batteries.
CARD SETUP POWER OFF FORMAT SELECT◆⊕ GO◆OK	This card cannot be used with this camera or the card is not formatted.	• Format the card or replace. • Select [POWER OFF] and press ⊛. Insert a new card. • Select [FORMAT] and press ⊛. All data on the card is erased.

Troubleshooting

● **Preparatory operations**

Possible cause	Corrective action	Ref. page
The camera does not turn on or function buttons do not respond.		
The power is off.	Turn the camera on.	P. 8
The batteries are loaded incorrectly.	Reload the batteries correctly.	–
The battery power is exhausted.	Replace the batteries with new ones, or charge the batteries.	–
The cold is temporarily affecting battery performance.	Warm the batteries by putting them in your pocket for a while.	–
The camera is in the sleep mode.	Operate the camera with the shutter button or zoom lever.	P. 8
The camera is connected to a computer.	The camera will not operate while it is connected to a computer.	–

● **Shooting**

Possible cause	Corrective action	Ref. page
No picture is taken when the shutter button is pressed.		
The battery power is exhausted.	Replace the batteries with new ones, or charge the batteries.	–
The camera is in the playback mode.	Slide the **POWER** switch to ◻ to switch to the shooting mode.	P. 9
The flash has not finished charging.	Remove your finger from the shutter button, and wait until the orange lamp and the ⚡ (flash charge) indication stop blinking before taking the picture.	P. 34
The power is off.	Turn the camera on.	P. 8
The card is full.	Erase unwanted pictures or insert a new card. Before erasing, download important images to a computer.	P. 55
The battery power was exhausted during shooting or while the images were being written to the card. (The Monitor turns off.)	Replace the batteries with new ones, or charge the batteries.	–
The memory gauge is full.	Wait until there is space in the memory gauge.	–
There is a problem with the card.	See "Error codes".	P. 96

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Possible cause	Corrective action	Ref. page
The monitor does not turn on.		
The camera is set to [MONITOR OFF].	Press 🔘 in the shooting mode to display the top menu, then press ☺ to select [MONITOR ON].	P. 20
The viewfinder or monitor is hard to see.		
There is condensation* inside the camera.	Turn the camera off and wait until it dries before turning it on again.	–
The brightness of the monitor is not adjusted properly.	Use [🖵] to adjust monitor brightness.	P. 63
The monitor is exposed to direct sunlight.	Block the sunlight with your hand or use the viewfinder while taking pictures.	–
Vertical lines appear on the monitor screen during shooting.	Aiming the camera at a bright subject in sunlight may cause vertical lines to appear on the screen. This is not a malfunction.	–
The date recorded with the image data is wrong.		
The date/time is not set.	Set the date/time. The clock adjustment is not factory-preset.	P. 64
The camera has been left without batteries.	If the camera is left without batteries for 3 days, the date/time setting is canceled. Set the date/time again.	P. 64
The settings are returned to the factory default settings when the camera is turned off.		
[ALL RESET] is set to [ON].	Set [ALL RESET] to [OFF].	P. 59
The picture is out of focus.		
The subject was too close.	Move further away from the subject. To take pictures closer than 20 cm (7.9") with the zoom in the maximum wide position, use the super macro mode.	P. 32
Auto focus is not possible.	Use the focus lock to focus on your subject.	P. 21
There is condensation* on the lens.	Turn the camera off and wait until it dries before turning it on again.	–

* Condensation: When it is cold outside, the water vapor in the air is rapidly cooled and turns to droplets of water.
Condensation occurs when the camera is suddenly taken from a cold place into a warm room.

Possible cause	Corrective action	Ref. page
The monitor goes off.		
The camera is in the sleep mode.	Operate the shutter button or zoom lever.	P. 8
The power is turned off with the monitor off.	If [ALL RESET] is set to [OFF], the camera settings before the power was turned off remain unchanged. Turn on the monitor, and turn off the power.	P. 59
The flash does not fire.		
The subject is illuminated.	If you want the flash to fire on a brightly illuminated subject, set the flash to [⚡].	P. 34
Sequential shooting is set.	The flash does not fire in the sequential shooting mode. Set [DRIVE] to [☐].	P. 41
The camera records movies.	The flash does not fire in the movie mode. Select a shooting mode other than ♬.	P. 39
Super macro mode is set.	The flash does not fire in the super macro mode. Set [♥] to [OFF] or [♥].	P. 32
Panorama mode is set.	The flash does not fire in the panorama mode.	P. 43
The battery run time is brief.		
You are using the camera in a cold environment.	Battery performance deteriorates in low temperatures. Keep the camera warm by putting it inside your coat or clothing.	–
The remaining battery power is not indicated correctly.	When battery consumption fluctuates considerably, the camera may turn off without displaying the battery warning indicator. Replace the batteries with new ones. When use rechargeable batteries, charge the batteries.	–

● **Playback of recorded images**

Possible cause	Corrective action	Ref. page
The picture is out of focus.		
A subject unsuited to AF was taken.	Use the focus lock to focus on your subject.	P. 21
The camera moved when the shutter button was pressed.	Hold the camera correctly and press the shutter button gently. Camera movement occurs easily with slower shutter speeds. When you take a picture with [⚡] in a night scene or a dark situation, use a tripod, or hold the camera firmly.	P. 19
The lens was dirty.	Clean the lens. Use a commercially available blower blush and then wipe with a lens cleaner to remove dust. Mold may form on the lens surface if the lens is left dirty.	P. 103
The picture is too bright.		
The flash was set to [⚡].	Select a flash mode other than [⚡].	P. 34
The center of the subject is too dark.	If the center of the subject is too dark, the surrounding area emerges as too bright. Adjust the exposure compensation toward minus (–).	P. 37
The picture is too dark.		
The flash was blocked by your finger.	Hold the camera correctly, keeping your fingers away from the flash.	P. 19

Possible cause	Corrective action	Ref. page
The subject was out of the working range of the flash.	Shoot within the flash working range.	P. 34
The subject was too small and was backlit.	Set the flash to [⚡].	P. 34
The sequential shooting mode was used.	Higher shutter speeds are used during sequential shooting, which may result in pictures that are darker than usual. Set [DRIVE] to [☐].	P. 41
The center of the subject is too bright.	If the center of the subject is too bright, the image as a whole emerges darker. Adjust the exposure compensation toward plus (+).	P. 37
Bright subjects such as snow will turn out darker than their natural colors in the image.	Adjust the exposure compensation toward plus (+).	P. 37
The colors of pictures look unnatural.		
Indoor lighting affected the picture's colors.	Set the white balance according to the lighting.	P. 38
No white in the picture.	Include something white in the picture, or shoot using [⚡].	P. 34
The white balance setting is wrong.	Adjust the white balance according to the light source.	P. 38
Part of the picture is dark.		
The lens was partly blocked by your finger or the strap.	Hold the camera correctly, keeping your fingers and the strap away from the lens.	P. 19
Pictures you have taken do not appear on the monitor.		
The power is off.	Slide the **POWER** switch to [▶] to turn the camera on in playback mode.	P. 9
The camera is in the shooting mode.	Press the **QUICK VIEW** button or slide the **POWER** switch to [▶] to switch to the playback mode.	P. 9
There are no pictures in the card.	[NO PICTURE] is displayed on the monitor. Record pictures.	–
There is a problem with the card.	See "Error codes".	P. 96
Single-frame erase and all-frame erase cannot be performed.		
The pictures are protected.	Cancel the protection of the pictures.	P. 54

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Possible cause	Corrective action	Ref. page
The monitor is hard to see.		
The brightness of the monitor is not adjusted properly.	Use [!⊡] to adjust monitor brightness.	P. 63
The monitor is exposed to direct sunlight.	Block the sunlight with your hand.	–

● When the camera is connected to a computer or printer

Possible cause	Corrective action	Ref. page
The printer fails to connect.		
[PC] was selected on the monitor after connecting the camera to the printer with the USB cable.	Remove the USB cable, and start again from Step 1 of "Printing pictures".	P. 67
The printer does not support PictBridge.	Refer to the printer's instruction manual or contact the manufacturer.	–
The camera is not recognized by the computer.		
The computer failed to recognize the camera.	Disconnect the USB cable from the camera, and connect it again.	P. 86
The USB driver has not been installed.	Install OLYMPUS Master.	P. 82

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Camera care

● Cleaning the camera

Exterior:

- Wipe gently with a soft cloth. If the camera is very dirty, soak the cloth in mild soapy water and wring well. Wipe the camera with the damp cloth and then dry it with a dry cloth. If you have used the camera at the beach, use a cloth soaked in clean water and wrung well.

Viewfinder and monitor:

- Wipe gently with a soft cloth.

Lens:

- Blow dust off the lens with a commercial blower, then wipe gently with a lens cleaner.

⚠ Note

- Do not use strong solvents such as benzene or alcohol, or chemically treated cloth.
- Mold may form on the lens surface if the lens is left dirty.

● Storage

- When storing the camera for extended periods, remove batteries, AC adapter and card, and keep in a cool, dry place that is well ventilated.
- Periodically insert batteries and test the camera functions.

⚠ Note

- Avoid leaving the camera in places where chemical products are handled since this may result in corrosion.

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AC adapter (optional)

An AC adapter is useful for time-consuming tasks such as image downloads to a computer.
An optional Olympus AC adapter allows you to power your digital camera from a common AC wall outlet.

DC-IN jack (black)

Connection cord plug

Connector cover

AC wall outlet

Power plug
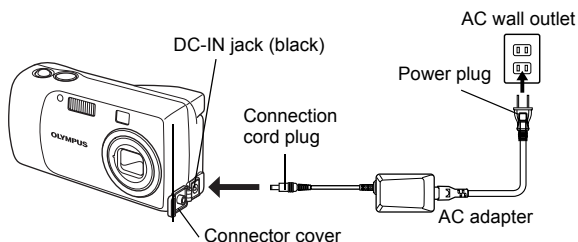
AC adapter

? *TIPS*

- When the AC adapter is connected, the power is drawn from the AC adapter even if there are batteries in the camera. The batteries are not recharged.

! Note

- Do not connect or disconnect the AC adapter while the camera is turned on. Doing so could affect the camera's internal settings or functions.
- Be sure to read the instruction manual for the AC adapter.

Safety Precautions

Caution for Usage Environment

- To protect the high-precision technology contained in this product, never leave the camera in the places listed below, no matter if in use or storage:
  - Places where temperatures and/or humidity are high or go through extreme changes. Direct sunlight, beaches, locked cars, or near other heat sources (stove, radiator, etc.) or humidifiers.
  - In sandy or dusty environments.
  - Near flammable items or explosives.
  - In wet places, such as bathrooms or in the rain. When using products with weatherproof designs, read their manuals as well.
  - In places prone to strong vibrations.
- Never drop the camera or subject it to severe shocks or vibrations.
- When mounted on a tripod, adjust the position of the camera with the tripod head. Do not twist the camera.
- Do not touch electric contacts on cameras.
- Do not leave the camera pointed directly at the sun. This may cause lens or shutter curtain damage, color failure, ghosting on the CCD, or may possibly cause fires.
- Do not push or pull severely on the lens.
- Before storing the camera for a long period, remove the battery. Select a cool, dry location for storage to prevent condensation or mold from forming inside the camera. After storage, test the camera by turning it on and pressing the shutter release button to make sure that it is operating normally.
- Always observe the operating environment restrictions described in the camera's manual.

Battery Handling Precautions

- Olympus NiMH batteries (included in some areas) are intended for use only with Olympus digital cameras. Never use these batteries with any other device.
- Always charge NiMH batteries (included in some areas) before using them for the first time, or if they have not been used for a long period.
- Always charge sets of batteries (included in some areas) (2 or 4) together.
- Do not use alkaline batteries unless it is absolutely necessary. In some cases, alkaline batteries may have a shorter service life than NiMH or CR-V3 lithium battery packs. Alkaline battery performance is limited, especially at low temperatures. The use of NiMH batteries is recommended.
- AA manganese (Zinc-Carbon) batteries cannot be used with this camera.
- When operating the camera with battery power at low temperatures, try to keep the camera and spare batteries as warm as possible. Batteries which run down at low temperatures may be restored after they are warmed at room temperature.

- Recommended temperature ranges for NiMH batteries:
  Operation .... 0°C to 40°C (32°F to 104°F)
  Charge .... 0°C to 40°C (32°F to 104°F)
  Storage .... -20°C to 30°C (-4°F to 86°F)
- Using, charging, or storing the batteries outside these ranges could shorten battery life or affect battery performance. Always unload the batteries from the camera before storing the camera for a long period.
- Before using NiMH or NiCd batteries, always read the provided instructions.
- The number of pictures you can take may vary depending on the shooting conditions or batteries.
- Before going on a long trip, and especially before traveling abroad, purchase an ample supply of extra batteries. The recommended batteries may be difficult to obtain while traveling.

LCD Monitor

- Do not push the monitor forcibly; otherwise the image may become vague, resulting in a Display mode failure or damage to the monitor.
- A strip of light may appear on the top/bottom of the monitor, but this is not a malfunction.
- When a subject is viewed diagonally in the camera, the edges may appear zigzagged on the monitor. This is not a malfunction; it will be less noticeable in playback mode.
- In places subject to low temperatures, the LCD monitor may take a long time to turn on or its color may change temporarily. When using the camera in extremely cold places, it is a good idea to occasionally place it in a warm place. An LCD monitor exhibiting poor performance due to low temperatures will recover in normal temperatures.
- The LCD used for the monitor is made with high-precision technology. However, black spots or bright spots of light may appear constantly on the LCD Monitor. Due to its characteristics or the angle at which you are viewing the monitor, the spot may not be uniform in color and brightness. This is not a malfunction.

Legal and Other Notices

- Olympus makes no representations or warranties regarding any damages, or benefit expected by using this unit lawfully, or any request from a third person, which are caused by the inappropriate use of this product.
- Olympus makes no representations or warranties regarding any damages or any benefit expected by using this unit lawfully which are caused by erasing picture data.

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Appendix

Disclaimer of Warranty

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Appendix

FCC Notice

• Radio and Television Interference
  Changes or modifications not expressly approved by the manufacturer may
  void the user's authority to operate this equipment. This equipment has been
  tested and found to comply with the limits for a Class B digital device,
  pursuant to Part 15 of the FCC Rules. These limits are designed to provide
  reasonable protection against harmful interference in a residential
  installation.
  This equipment generates, uses, and can radiate radio frequency energy
  and, if not installed and used in accordance with the instructions, may cause
  harmful interference to radio communications.
  However, there is no guarantee that interference will not occur in a particular
  installation. If this equipment does cause harmful interference to radio or
  television reception, which can be determined by turning the equipment off
  and on, the user is encouraged to try to correct the interference by one or
  more of the following measures:
  - Adjust or relocate the receiving antenna.
  - Increase the distance between the camera and receiver.
  - Connect the equipment to an outlet on a circuit different from that to which
    the receiver is connected.
  - Consult your dealer or an experienced radio/TV technician for help. Only
    the OLYMPUS-supplied USB cable should be used to connect the camera
    to USB enabled personal computers (PC).

Any unauthorized changes or modifications to this equipment would void the
user's authority to operate.

Glossary of terms

Aperture
The adjustable lens opening which controls the amount of light that enters the camera. The larger the aperture, the shorter the depth of field and the fuzzier the background. The smaller the aperture, the greater the depth of field and the sharper the background. Larger aperture values indicate smaller apertures, and smaller aperture values indicate larger apertures.

CCD (Charge-Coupled Device)
This converts light passing through the lens into electrical signals. On this camera, light is picked up and converted into RGB signals to build a single image.

Contrast Detection Method
This is used to measure the distance to the subject. The camera determines if the image is focused by the level of contrast in the subject.

Conventional Photograph
This refers to recording images using silver halide (the method for recording images in conventional, non-digital photography). This system is in contrast to still video and digital photography.

DCF (Design Rule for Camera File System)
A standard for image files by the Japan Electronics and Information Technology Industries Association (JEITA).

Digital ESP Light Metering
This determines the exposure by metering and calculating the light levels in the center and other areas of the image separately.

DPOF (Digital Print Order Format)
This is for saving desired print settings on digital cameras. By entering which images to print and the number of copies of each, the user can easily have the desired images printed by a printer or print lab that supports the DPOF format.

EV (Exposure Value)
A system for measuring exposure. EV0 is when the aperture is at F1 and the shutter speed is 1 second. The EV then increases by 1 each time the aperture increases by one F stop or the shutter speed increases by one increment. EV can also be used to indicate brightness and ISO.

Exposure
The amount of light used to capture an image. The exposure is determined by the time the shutter is open (shutter speed) and the amount of light that passes through the lens (aperture).

Image size
The size of an image expressed by the number of pixels that make up the image. For instance, a picture taken with an image size of 640 × 480 fills the computer screen when the monitor setting is 640 × 480. However, if the monitor setting is 1,024 × 768, the picture only takes up part of the screen.

JPEG (Joint Photographic Experts Group)

A compression format for still images. Photographs (images) shot using this camera are recorded in JPEG format. By downloading these images to a computer, users can edit them using graphics application software or view the images using an Internet web browser.

Noise reduction

When shooting in dark places, shutter speed become slower as there is less light focused on the CCD. During long exposures, signals are generated by parts of the CCD where no light is focused and are recorded on the picture as noise. When noise reduction works, the camera automatically reduces the noise to produce clearer images.

PictBridge

A standard for connecting digital cameras and printers of different makers and printing out pictures directly.

Pixels

A pixel is the smallest unit (dot) used to make up an image. Clear large-sized printed images require millions of pixels.

P (Program) Mode

Also called Program AE mode. The camera automatically sets the best shutter speed and aperture for the shot.

Sleep Mode

A mode designed to save battery life. The camera automatically enters the sleep mode if you do not operate it for a certain time. To exit the sleep mode, use any button on the camera (shutter button, arrow pad, etc.).

TFT (Thin-Film Transistor) Color Monitor

A transistor color monitor constructed using thin-film technology.

TTL (Through-The-Lens) System

To help adjust exposure, a light receptor built into the camera directly measures the light passing through the lens.

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This chapter contains all the camera functions described in Chapters 1 to 8. Refer here for the names of the camera parts and buttons, the names and meanings of the icons that are displayed on the monitor, and the lists of the top menus and mode menus.
An index also helps you find the pages where a function or item that you are looking for appears. For effective use of the manual, reference page numbers are listed next to the names of the camera parts and in the menu lists.

Menu list

● Shooting mode (P, ⚑, 🏠, 🏔, 🌅, 🏃)

Top menu	Tab	Item	Setting	Ref. page
MODE MENU	CAMERA	☑	-2.0, -1.5, -1.0, -0.5, 0, +0.5, +1.0, +1.5, +2.0	P. 37
		DIGITAL ZOOM	ON, OFF	P. 31
		s🌷	ON, OFF	P. 33
		DRIVE	☐, ⊒	P. 41
		PANORAMA		P. 43
	CARD	CARD SETUP	YES, NO	P. 57
	SETUP	ALL RESET	ON, OFF	P. 59
		●🗐	ENGLISH, FRANCAIS, DEUTSCH, ESPAÑOL	P. 60
		REC VIEW	ON, OFF	P. 61
		FILE NAME	RESET, AUTO	P. 62
		PIXEL MAPPING		P. 63
		🖵		P. 63
		⊙		P. 64
WB			AUTO, ☀, ☁, 💡, 🔆	P. 38
◆⋮			SHQ, HQ, SQ1, SQ2	P. 26
MONITOR OFF, MONITOR ON				P. 20

● Shooting mode (🗂)

Top menu	Tab	Item	Setting	Ref. page
MODE MENU	CAMERA ⤺		-2.0, -1.5, -1.0, -0.5, 0, +0.5, +1.0, +1.5, +2.0	P. 37
		DIGITAL ZOOM	ON, OFF	P. 31
	CARD	CARD SETUP	YES, NO	P. 57
	SETUP	ALL RESET	ON, OFF	P. 59
		🔤⊟	ENGLISH, FRANCAIS, DEUTSCH, ESPAÑOL	P. 60
		FILE NAME	RESET, AUTO	P. 62
		PIXEL MAPPING		P. 63
		🖵		P. 63
		🕐		P. 64
WB			AUTO, ☀, ☁, ☼, ☶	P. 38
⊞			SHQ, HQ, SQ1, SQ2	P. 26
MONITOR OFF, MONITOR ON				P. 20

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● **Playback mode (still pictures)**

Top menu	Tab	Item	Setting	Ref. page
MODE MENU	PLAY	O━	ON, OFF	P. 54
		⌷	0°, +90°, -90	P. 47
		凸	凸, 凸⁴ᴸ	P. 75, 76
	EDIT	⊡	640 × 480, 320 × 240, CANCEL	P. 50
	CARD	CARD SETUP	⌦ ALL ERASE, ⌷ FORMAT	P. 56, 57
	SETUP	ALL RESET	ON, OFF	P. 59
		●⊟	ENGLISH, FRANCAIS, DEUTSCH, ESPAÑOL	P. 60
		⌷		P. 63
		⊖		P. 64
		⊞	4, 9, 16	P. 47

⊡				P. 48

INFO				P. 53

⌦ ERASE			YES, NO	P. 55

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● **Playback mode (🎥)**

Top menu	Tab	Item	Setting	Ref. page
MODE MENU	PLAY	O⊓	ON, OFF	P. 54
	EDIT	INDEX	OK, RESET, CANCEL	P. 51
	CARD	CARD SETUP	🗑 ALL ERASE, 🔲 FORMAT	P. 56, 57
	SETUP	ALL RESET	ON, OFF	P. 59
		●🗐	ENGLISH, FRANCAIS, DEUTSCH, ESPAÑOL	P. 60
		🖵		P. 63
		⊘		P. 64
		▦	4, 9, 16	P. 47
MOVIE PLAYBACK			PLAYBACK, FRAME BY FRAME, EXIT	P. 49
INFO				P. 53
🗑 ERASE			YES, NO	P. 55

List of factory default settings

The functions are set as follows when the camera leaves the factory.

● **Shooting mode**

$\frac{1}{2}$	AUTO
♣	OFF
♢	OFF
Shooting mode	**P** (PROGRAM AUTO)
Monitor	ON
◀:·	HQ
🖼	0.0
DRIVE	▭ (Single-frame shooting)
DIGITAL ZOOM	OFF
PANORAMA	OFF
WB	AUTO
FILE NAME	RESET
s♣	OFF

● **Playback mode**

🖵	OFF
🖶	OFF
INFO	OFF
🔒	OFF
🗂	0°
🎞	9

● **Other default settings**

ALL RESET	ON
●⃞	ENGLISH
REC VIEW	ON
🔅	±0
⊕	2005.01.01

Modes and shooting functions

Shooting mode / Item	P	📷	🏔	🏞	🌙	😊	🎬
🌷				✓			
s🌷				✓		—	
⚡				✓			—
⏱				✓			
Optical zoom				✓		W (Wide) fixed	✓
◀:·				✓*1			
🔆				✓			
🔁				✓	—	✓	—
DIGITAL ZOOM				✓		—	✓
PANORAMA				✓		—	
WB				✓			
CARD SETUP				✓			
ALL RESET				✓			
REC VIEW				✓			—
FILE NAME				✓			
▭				✓			
⏲				✓			

* In the movie record mode, only HQ/SQ can be selected.

Names of parts

Camera

Zoom lever (W/T, ▣Q) ☞ P. 30, 46

Shutter button ☞ P. 21

Flash ☞ P. 34

OLYMPUS

Self-timer lamp ☞ P. 42

Lens

DC-IN jack cover ☞ P. 104

USB connector cover ☞ P. 67, 86

Strap eyelet

USB connector ☞ P. 67, 86

Card slot

Card cover ☞ P. 57, 83, 89

DC-IN jack ☞ P. 104

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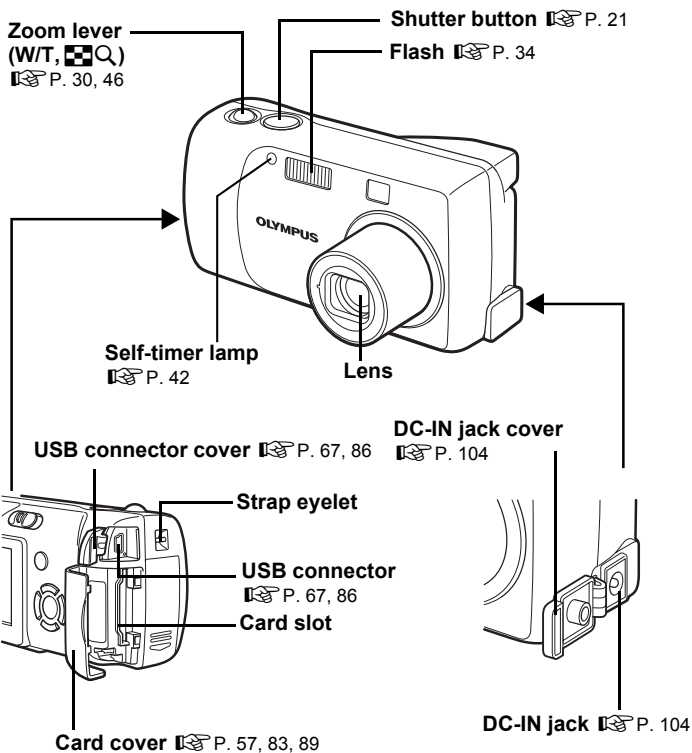
Arrow pad
Buttons on the arrow pad have their respective functions. They are also used as direction buttons. △ , ▽ , ◁ and ▷ indicate which button to be pressed.

Shooting mode button (○ -Virtual Dial) ☞ P. 10, 28

Macro button (♣) ☞ P. 10, 32

Flash mode button (⚡) ☞ P. 10, 34

OK/MENU button (⊛) ☞ P. 10, 11

Self-timer button (⟳) ☞ P. 10, 42

POWER switch ☞ P. 8

QUICK VIEW button ☞ P. 8

Viewfinder ☞ P. 20

Monitor ☞ P. 20, 63 106

OK/MENU button (⊛) ☞ P. 10, 11

Arrow pad (△▽◁▷) ☞ P. 10

Battery compartment cover ☞ P. 57, 83, 89

Printer connector

Tripod socket

POWER switch

Playback mode ☞ P. 9

OFF ▶ ▣

Shooting mode ☞ P. 8

Lock button ☞ P. 8

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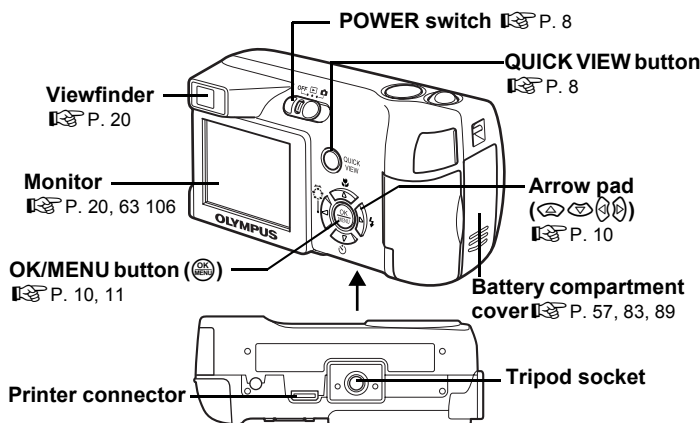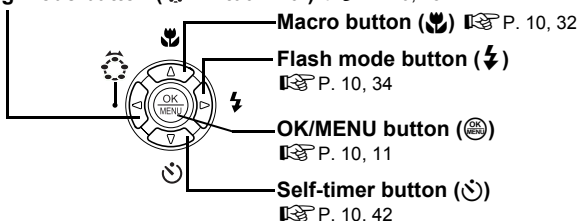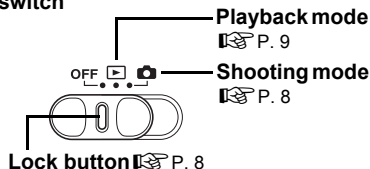
Monitor indications

●Shooting modes
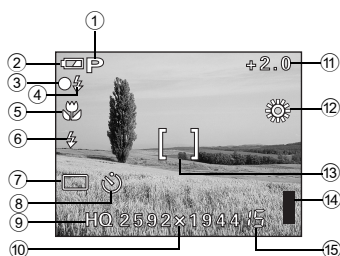
Still picture   Movie
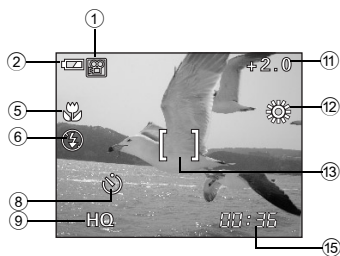
	Item	Indications	Ref. page
①	Shooting mode	P, 🔲, 🌄, 🏔, 🔆, 🎬, 🎆	P. 28
②	Battery check	🔋, 🔋	–
③	Green lamp	O	P. 21
④	Flash standby Camera movement warning/ Flash charge	⚡ (lit) ⚡ (Blinks)	P. 34
⑤	Macro mode	🌷, s🌷	P. 32
⑥	Flash mode	⊙, ⚡, ⚡	P. 34
⑦	Sequential shooting	□, ⊒	P. 41
⑧	Self-timer	⏱	P. 42
⑨	Record mode	SHQ, HQ, SQ1, SQ2, SQ	P. 26
⑩	Resolution	2592 × 1944, 1600 × 1200, 640 × 480, etc.	P. 23
⑪	Exposure compensation	-2.0, -1.5, -1.0, -0.5, +0.5, +1.0, +1.5, +2.0	P. 37
⑫	White balance	☀, ☁, ☀, ☰, ⊔	P. 38
⑬	AF target mark	[ ]	P. 21
⑭	Memory gauge	▌, ▊, ▐, ▯	–
⑮	Number of storable still pictures Remaining recording time	15 00:36	P. 25

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● **Playback mode**

INFO setting allows you to select how much information to display on the monitor. Screens when the information display is set to ON are shown below. ☞ "Displaying detailed shooting information" (P. 53)
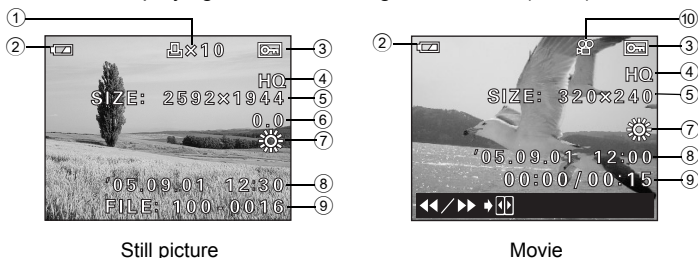
Still picture   Movie

	Item	Indications	Ref. page
①	Print reservation, Number of prints	×10	P. 73
②	Battery check	,	–
③	Protect		P. 54
④	Record mode	SHQ, HQ, SQ1, SQ2, SQ	P. 26
⑤	Resolution	2592 × 1944, 1600 × 1200, 640 × 480, etc.	P. 23
⑥	Exposure compensation	-2.0, -1.5, -1.0, -0.5, +0.5, +1.0, +1.5, +2.0	P. 37
⑦	White balance	WB AUTO, ☼, ☁, ☀, ☀, ☐	P. 38
⑧	Date and time	05.09.01 12:30	P. 64
⑨	File number (still picture), Number of frames Elapsed time/Total recording time (movie)	100-0016, 16 00:00/00:15	P. 62
⑩	Movie		P. 49

⚠ **Note**

• The indications that appear on a movie picture that has been selected and displayed from the index display are different from those that appear when the movie picture is displayed using the movie playback function.

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Index

For reference page numbers relating to camera parts, see "Names of parts".

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